

MEDCARE
Medical protection



**Nitrile disposable
Gloves** | POWDER-FREE



QUALITY STANDARDS

- Conforms to ASTM D6319, EN455, EN455-2, EN420, EN ISO 374-1:2016+A1:2018, EN374-2:2014, EN 16532-1:2015+A1:2018; EN ISO 374-4:2019 and EN ISO 21420:2020.
- Manufactured under QSR (GMP), ISO 9001:2015 and ISO 13485:2016 Quality Management System

GLOVE SIZES

Small, Medium, Large, Extra-Large.
Size of gloves shall be marked in the check box on the shipping carton.

PRODUCT SPECIFICATIONS

Type	Powder-Free Non-sterile ,
Material	Synthetic Nitrile Latex-Free
Colour	Blue, Black, White
Usage	General medical protective gloves. Waterproof, oilproof, chemical resistance; to a range of common chemicals and substances commonly used in the medical industry.
Storage	The gloves shall maintain their properties when stored in a dry condition. Avoid direct sunlight
Shelf-Life	3 years from the date of manufacturing
Material components	Paste Resin 52%, Dioctyl terephthalate 24%. complex Liquid Butadiene-acrylonitrile Rubbers 20%, other accelerators 4%.



PRODUCT SPECIFICATIONS

	Standards		
	WGI	ASTM D3578	EN 455
Length (mm)	Min 230, Min 240, 300 ± 10	Min 220 (S) Min 230 (M, L, XL)	Min 240
Palm Width (mm)			
• S	84 ± 3	80 ± 10	80 ± 10
• M	94 ± 3	95 ± 10	95 ± 10
• L	105 ± 3	110 ± 10	110 ± 10
• XL	113 ± 3	120 ± 10	2:110
Thickness: Single Wall (mm)			
• Finger	Min 0.05 -0.08	Min 0.05	N/A
• Palm	Min 0.05 -0.08	Min 0.05	N/A

PHYSICAL PROPERTIES

Property	ASTM D6319	EN 455
Tensile Strength (MPa)		
• Before Aging	14	N/A
• After Aging	14	N/A
Elongation at Break(%)		
• Before Aging	Min 400	N/A
• After Aging	Min 400	N/A
Median Force at Break (N)		
• Before Aging	N/A	Min 6
• After Aging	N/A	Min 6





2020

CERTIFICATE OF REGISTRATION

This certifies that:

DONGGUAN GRINVALD TECHNOLOGY CO. LTD
401, Building #3, No 4 Of Guangming New Village 2 Road
Dongcheng
Dongguan City Guangdong, CN 523000

is registered with the U.S. Food and Drug Administration for FY 2020 pursuant to Title 21, 807 et seq. of the United States Code of Federal Regulations:

Establishment Owner/Operator Number:	10071856
DUNS No.:	55-453-3470
Device Classification Name:	POLYMER PATIENT EXAMINATION GLOVE
Product Code:	LZA
Regulation Number:	880.6250
Official Correspondent and U.S. Agent:	Registrar Corp 144 Research Drive, Hampton, Virginia, 23666, USA Telephone: +1-757-224-0177 • Fax: +1-757-224-0179

Registrar Corp will confirm that such registration remains effective upon request and presentation of this certificate until the end of the year stated above, unless said registration is terminated after issuance of this certificate. Registrar Corp makes no other representations or warranties, nor does this certificate make any representations or warranties to any person or entity other than the named certificate holder, for whose sole benefit it is issued. This certificate does not denote endorsement or approval of the certificate-holder's device or establishment by the U.S. Food and Drug Administration. Registrar Corp assumes no liability to any person or entity in connection with the foregoing.

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David Lennarz
David Lennarz
Executive Director
Registrar Corp
Dated: July 13, 2020



Issued to:

Dongguan Grinvald Technology Co., Ltd
401, 4th Floor, Building A
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Guangming Xin Qun 2 Road
Dongcheng, Dongguan City
Guangdong
523000
China

Notified Body: 2777

SATRA customer number: P20308

EU Type-Examination Certificate

Certificate number: 2777/15456-01/E00-00

This EU Type-Examination Certificate covers the following product group(s) supported by testing to the relevant standards/technical specifications and examination of the technical file documentation:

Following the EU Type-Examination this product group has been shown to satisfy the applicable essential health and safety requirements of Annex II of the PPE Regulation (EU) 2016/425 as a Category III product.

Product reference:

MD0120

Description:

Medcare Examination Nitrile Gloves, Powder-Free.

Colour: Blue

Sizes:

S/6, M/7, L/8, XL/9

Classification:

EN ISO 374-1:2016+A1:2018 /Type C	Level	EN ISO 374-4:2019 Degradation %
40% Sodium Hydroxide (K)	6	-18.0

EN ISO 374-5:2016

Protection against Bacteria and Fungi	Pass
Protection against Viruses	Pass

Standards/Technical specifications applied:

EN ISO 21420:2020; EN ISO 374-1:2016+A1:2018; EN ISO 374-5:2016

Technical reports/Approval documents:

SATRA: CHT0300498/2030/Issue 2, CHM0302486/2038/JS/A, CHM0302486/2038/JS/B, CHT0303908/2043, CHT0305556/2048

Signed on behalf of SATRA:

Daisy He

Geoff Graham

Date first issued: 14/12/2020

Date of issue: 14/12/2020

Expiry date: 14/12/2025

TERMS AND CONDITIONS

The following conditions apply in addition to SATRA's standard terms and conditions of business and those given in the current certification agreement. This certificate has been issued in accordance with Annex V (Module B) of the applicable legislation (see note 11).

Please note:

- Where the product is classified as category III then CE or UKCA Marking of production is reliant on current compliance with module C2 or Module D of the applicable legislation (See note 11). (Except that specifically produced to fit an individual user).
- Full details of the scope of the certification and product(s) certified are contained within the manufacturer's technical documentation.
- Where a translation of this certificate exists, the English language version shall be considered as the authoritative text.
- Certification is limited to production undertaken at the sites listed in the manufacturer's technical documentation.
- Ongoing manufactured product shall be consistent with the product(s) certified and listed on this certificate and an EU declaration of product conformity shall be made available in accordance with the applicable legislation (See note 11)
- The Manufacturer shall inform SATRA of any changes to the certified product or technical documentation.
- Where results obtained during type testing are within the budget of uncertainty when compared to the pass requirement, classification or performance level, then it is the responsibility of the manufacturer to ensure that the factory production control and manufacturing tolerances are such that the product placed on the market meets with the stated requirements, classifications or performance levels.
- This certificate shall be kept together with the relevant technical documentation in a safe place by the client named on this certificate. Production of this certificate and other documentation may be required by a representative of the EC member state, or UK government.
- This certificate relates only to the condition of the testable items at the time of the certification procedure and is subject to the expiry date shown.
- SATRA reserves the right to withdraw this certificate if it is found that a condition of manufacture, design, materials or packaging have been changed and therefore no longer comply with the requirements of the applicable legislation (See note 11).
- These terms and conditions shall apply to the requirements set out in Regulation (EU) 2016/425 of the European Parliament and of the council of 9th March 2016 on personal protective equipment or to UK legislation relating to UKCA Marking as defined within the issued certificate.



Test Report No.: GZHL2008040822OT Date: Aug 10, 2020 Page 1 of 23

GLOBAL TOOLING SERVICE S. R. O
NA FOLIMANCE 2155/15, VINOHRADY 12000 PRAHA 2, THE CZECH REPUBLIC

Sample Description : MEDCARE EXAMINATION GLOVES
Country of Origin : CHINA

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : Aug 03, 2020
Test Performing Date : Aug 04, 2020 to Aug 07, 2020
Test Performed : Selected test(s) as requested by applicant
Test Result(s) : For further details, please refer to the following page(s)

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Arthur Mak
Authorized Signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch

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I . SGS Ref No.: SL22002284125701TX

This test was subcontracted to SGS-CSTC Standards Technical Services (Qingdao) Co., Ltd.

Conclusion	A	Remark
Clause 4.3.2 Determination of pH Value	PASS	
Clause 5.1 Sizing	See result	
Clause 5.2 Dexterity	See result	

Remark(s): PASS=Meet Client's Requirement

Test Result

Clause 4.3.2 Determination of pH Value

(ISO 3071:2020; 0.1mol/L KCL extraction)

	Unit	(A)	Requirement
pH Value	-	8.5	3.5-9.5

Note:

- 1) pH value of extraction medium: 5.0 - 7.5
- 2) Temperature of the extraction solution: 22°C

Clause 5.1 Sizing

(EN 420:2003+A1:2009 Clause 6.1)

	1#	2#	Min.
Inner circumference of glove (mm)	192	194	192
Measurements of glove length (mm)	245	245	245

Recommended Size 7

Remark:

Actual measurements of gloves shall be determined by manufacture, taking into account the behavior of the glove material and intended use. According to Clause 5.1.3, it is possible that the length of gloves designed for special applications may not conform to the values of EN 420:2003+A1:2009 Table 3. For such gloves, the manufacturer shall demonstrate that they are "fit for special purpose" by clearly stating in the instructions for use the intended application(s) and the reason why the gloves do not conform to EN 420:2003+A1:2009 Table 3.



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Glove Sizing Requirements

Glove size	Fit		Minimum length of glove (mm)
	Hand size	Hand circumference(mm)	
6	Hands size 6	152	220
7	Hands size 7	178	230
8	Hands size 8	203	240
9	Hands size 9	229	250
10	Hands size 10	254	260
11	Hands size 11	279	270

Clause 5.2 Dexterity

(EN 420:2003+A1:2009, Clause 6.2;)

	Unit	(A)	Requirement
Smallest diameter of pin fulfilling test conditions	mm	5	-
Recommended Level	-	5	-

Remarks: Performance level 0 means the glove falls below the minimum performance level. Finger dexterity test :

- Level 1-Smallest diameter of pin fulfilling test conditions : 11mm
- Level 2-Smallest diameter of pin fulfilling test conditions : 9.5mm
- Level 3-Smallest diameter of pin fulfilling test conditions : 8mm
- Level 4-Smallest diameter of pin fulfilling test conditions : 6.5mm
- Level 5-Smallest diameter of pin fulfilling test conditions : 5mm



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Sample Photo



The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

II. The content of this part is extracted from the test report number GZHL2007037331OT.

1. SGS Ref No.: CAN20-117986

Test Requested	Result
Entry 63 of Commission Regulation (EU) 2015/628 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Lead and its compounds	PASS
Entry 23 of Commission Regulation (EU) 2016/217 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Cadmium and its compounds	PASS
Entry 50 of Commission Regulation (EU) 2015/326 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Polycyclic Aromatic Hydrocarbons (PAHs)	PASS
Entry 51 of Commission Regulation (EU) 2018/2005 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Phthalates	PASS
European Regulation POPs (EU) 2019/1021 - Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	PASS



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Test Results :

Test Part Description :

SGS Sample ID	Description
CAN20-117986.001	Blue soft plastic(glove)

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Entry 63 of Commission Regulation (EU) 2015/628 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Lead and its compounds

Test Method : SGS In-house method (GZTC CHEM-TOP-004-01, with reference to EPA 3052:1996), analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit	MDL	Q01
Lead (Pb)	500	mg/kg	2	ND

Entry 23 of Regulation (EU) 2016/217 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Cadmium and its compounds

Test Method : SGS In-house method (GZTC CHEM-TOP-004-01, with reference to US EPA Method 3052:1996), analysis was performed by ICP-OES.

Test Item(s)	CAS NO.	Limit	Unit	MDL	Q01
Cadmium (Cd)	7440-43-9	0.01	%(w/w)	0.0005	ND

Entry 50 of Regulation(EU) 2015/326 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method : With reference to AIPS GS 2019:01 PAK, analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Limit	Unit	MDL	Q01
Benzo(a)anthracene(BaA)	56-55-3	1.0	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	1.0	mg/kg	0.1	ND



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Benzo(b)fluoranthene(BbF)	205-99-2	1.0	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	205-82-3	1.0	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	1.0	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	1.0	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	1.0	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	1.0	mg/kg	0.1	ND

Entry 51 of Commission Regulation (EU) 2018/2005 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Phthalates

Test Method : With reference to EN 14372:2004 , analysis was performed by GC/MS.

Test Item(s)	CAS NO.	Limit	Unit	MDL	001
Dibutyl Phthalate (DBP)	84-74-2	0.1	%(w/w)	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	0.1	%(w/w)	0.003	ND
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	0.1	%(w/w)	0.003	ND
Diisobutyl Phthalate (DIBP)	84-69-5	0.1	%(w/w)	0.003	ND
Total (DBP + BBP + DEHP+DIBP)	-	0.1	%(w/w)	-	ND

Notes :

- (1) DBP, BBP, DEHP, DIBP Reference information: Entry 51 of Regulation (EU) 2018/2005 amending Annex XVII of REACH Regulation (EC) No 1907/2006:
- Shall not be used as substances or in mixtures, individually or in any combination of DBP, BBP, DEHP & DIBP, in concentrations equal to or greater than 0.1 % by weight of the plasticised material, in toys and childcare articles.
 - Shall not be placed on the market in toys or childcare articles, individually or in any combination of DBP, BBP, DEHP, in concentrations equal to or greater than 0.1 % by weight of the plasticised material. In addition, DIBP shall not be placed on the market after 7 July 2020 in toys or childcare articles, individually or in any combination of DBP, BBP, DEHP & DIBP, in concentrations equal to or greater than 0.1 % by weight of the plasticised material.
 - shall not be placed on the market after 7 July 2020 in articles, individually or in any combination of DBP, BBP, DEHP & DIBP, in concentrations equal to or greater than 0.1 % by weight of the plasticised material in the articles.
- Please refer to Regulation (EU) 2018/2005 to get more detail information



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European Regulation POPs (EU) 2019/1021 -Chlorinated Paraffins --Articles

Test Method : With reference to ISO 18219: 2015, analysis was performed by GC-NCI-MS / GC-ECD.

Test Item(s)	Limit	Unit	MDL	001
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	1500	mg/kg	50	ND

Sample photo:



Product Photo

2. SGS Ref No.: CANHG2011824601

Test Requested :

As requested by client, SVHC screening is performed according to:

- Two hundred and nine (209) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Jun 25, 2020 regarding Regulation (EC) No 1907/2006 concerning the REACH.
- One (1) substances in the Public Consultation List of potential Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) on Mar 3, 2020 regarding Regulation (EC) No 1907/2006 concerning the REACH.

Test Results :

Please refer to next page(s).



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Summary :

According to the specified scope and evaluation screening, the test results of SVHC are > 0.1% (w/w) in the submitted sample. See remark 2 for obligation under REACH

Remark :

- 1. The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA: http://echa.europa.eu/web/guest/candidate-list-table These lists are under evaluation by ECHA and may subject to change in the future.
2. REACH obligation:
2.1 Concerning article(s):
Communication:
Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance in the Candidate List.

Notification:

In accordance with Regulation (EC) No 1907/2006, any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).

SGS adopts the ruling of the Court of Justice of the European Union on the definition of an article under REACH unless indicated otherwise. Detail explanation is available at the following link:

http://www.sgs.com/-/media/global/documents/technical-documents/technical-bulletins/sgs-crs-position-statement-on-svch-in-articles-a4-en-16-06.pdf?la=en

2.2 Concerning material(s):

Test results in this report are based on the tested sample. This report refers to testing result of tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article. If this report refers to testing result of composite material group by equal weight proportion, the material in each composite test group may come from more than one article.

If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to



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comply with the supply chain communication obligation under Article 31 of Regulation (EC) No. 1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.

2.3 Concerning substance and preparation:

If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and its amendments, client is suggested to prepare a Safety Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which:

- a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008,
- a mixture that is classified as hazardous under the CLP Regulation (EC) No 1272/2008, when it contains a substance with concentration equal to, or greater than the classification limit as set in Regulation (EC) No. 1272/2008; or
- a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:
(a) a substance posing human health or environmental hazards in an individual concentration of ≥ 1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or ≥ 0.2 % by volume for gaseous mixtures; or
(b) a substance that is PBT, or vPvB in an individual concentration of ≥ 0.1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or
(c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures; or
(d) a substance for which there are Europe-wide workplace exposure limits.

- 3. If a SVHC is found over the reporting limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.



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Test Sample :

Sample Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN20-118246.001	Blue glove

Test Method :

SGS In-House method- SGS-CCL-TOP-092-01, SGS-CCL-TOP-092-02, Analyzed by ICP-OES, UV-VIS, GC-MS, HPLC-DAD/MS and Colorimetric Method.

Test Result: (Substances in the Candidate List of SVHC)

Batch	Substance Name	CAS No.	001 Concentration (%)	RL (%)
VIII	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-	0.162	0.010
-	Other tested SVHC in candidate list	-	ND	-

Test Result: (Substances in the Consultation List of potential SVHC)

Batch	Substance Name	CAS No.	001 Concentration (%)	RL (%)
-	All tested SVHC in consultation list	-	ND	-

Notes :

- The table above only shows detected SVHC, and SVHC that below RL are not reported. Please refer to Appendix for the full list of tested SVHC.
- RL = Reporting Limit (Test data will be shown if it \geq RL. RL is not regulatory limit.) ND = Not detected (lower than RL). ND is denoted on the SVHC substance.
- * The test result is based on the calculation of selected element(s) and to the worst-case scenario.
- ** The test result is based on the calculation of selected marker(s) and to the worst-case scenario. For detail information, please refer to the SGS REACH website: <http://www.sgs.com/en/Consumer-Goods-Retail/Toys-and-Juvenile-Products/Toys/REACH/Management-of-SVHC.aspx>
- RL = 0.001% is evaluated for element (i.e. cobalt, arsenic, lead, chromium (VI), aluminum, zirconium, boron, strontium, zinc, antimony, titanium, barium and cadmium respectively), except molybdenum RL=0.0005%, boron RL=0.0005% (only for Lead bis(tetrafluoroborate)).
- Calculated concentration of boric compounds are based on the water extractive boron by ICP-OES.
- § The substance is proposed for the identification as SVHC only where it contains Michler's ketone (CAS Number: 90-94-8) or Michler's base (CAS Number: 101-61-1) $\geq 0.1\%$ (w/w).
- / = Substances in the Consultation List of SVHC



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Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
I	1	4,4'-Diaminodiphenylmethane(MDA)	101-77-9	0.010
I	2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	0.010
I	3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.010
I	4	Anthracene	120-12-7	0.010
I	5	Benzyl butyl phthalate (BBP)	85-68-7	0.010
I	6	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	0.010
I	7	Bis(tributyltin)oxide (TBTO)	56-35-9	0.010
I	8	Cobalt dichloride*	7646-79-9	0.001
I	9	Diarsenic pentaoxide*	1303-28-2	0.001
I	10	Diarsenic trioxide*	1327-53-3	0.001
I	11	Dibutyl phthalate (DBP)	84-74-2	0.010
I	12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)	-	0.010
I	13	Lead hydrogen arsenate*	7784-40-9	0.001
I	14	Sodium dichromate*	7789-12-0, 10588-01-9	0.001
I	15	Triethyl arsenate*	15606-95-8	0.001
II	16	2,4-Dinitrotoluene	121-14-2	0.010
II	17	Acrylamide	79-06-1	0.010
II	18	Anthracene oil**	90640-80-5	0.010
II	19	Anthracene oil, anthracene paste**	90640-81-6	0.010
II	20	Anthracene oil, anthracene paste, anthracene fraction**	91995-15-2	0.010



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Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
II	21	Anthracene oil, anthracene paste, distn. lights**	91995-17-4	0.010
II	22	Anthracene oil, anthracene-low**	90640-82-7	0.010
II	23	Diisobutyl phthalate	84-69-5	0.010
II	24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*	12656-85-8	0.001
II	25	Lead chromate*	7758-97-6	0.001
II	26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2	0.001
II	27	Pitch, coal tar, high temp.**	65996-93-2	0.010
II	28	Tris(2-chloroethyl)phosphate	115-96-8	0.010
III	29	Ammonium dichromate*	7789-09-5	0.001
III	30	Boric acid*	-	0.001
III	31	Disodium tetraborate, anhydrous*	1303-96-4, 1330-43-4, 12179-04-3	0.001
III	32	Potassium chromate*	7789-00-6	0.001
III	33	Potassium dichromate*	7778-50-9	0.001
III	34	Sodium chromate*	7775-11-3	0.001
III	35	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	0.001
III	36	Trichloroethylene	79-01-6	0.010
IV	37	2-Ethoxyethanol	110-80-5	0.010
IV	38	2-Methoxyethanol	109-86-4	0.010
IV	39	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid*	-	0.001



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Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
IV	40	Chromium trioxide*	1333-82-0	0.001
IV	41	Cobalt(II) carbonate*	513-79-1	0.001
IV	42	Cobalt(II) diacetate*	71-48-7	0.001
IV	43	Cobalt(II) dinitrate*	10141-05-6	0.001
IV	44	Cobalt(II) sulphate*	10124-43-3	0.001
V	45	1,2,3-trichloropropane	96-18-4	0.010
V	46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	0.010
V	47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	0.010
V	48	1-methyl-2-pyrrolidone	872-50-4	0.010
V	49	2-ethoxyethyl acetate	111-15-9	0.010
V	50	Hydrazine	7803-57-8, 302-01-2	0.010
V	51	Strontium chromate*	7789-06-2	0.001
VI	52	1,2-Dichloroethane	107-06-2	0.010
VI	53	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	0.010
VI	54	2-Methoxyaniline; o-Anisidine	90-04-0	0.010
VI	55	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	0.010
VI	56	Aluminosilicate Refractory Ceramic Fibres *	-	0.001
VI	57	Arsenic acid*	7778-39-4	0.001
VI	58	Bis(2-methoxyethyl) ether	111-96-6	0.010
VI	59	Bis(2-methoxyethyl) phthalate	117-82-8	0.010



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Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
VI	60	Calcium arsenate*	7778-44-1	0.001
VI	61	Dichromium tris(chromate) *	24613-89-6	0.001
VI	62	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	0.010
VI	63	Lead diazide, Lead azide*	13424-46-9	0.001
VI	64	Lead dipicrate*	6477-64-1	0.001
VI	65	Lead styphnate*	15245-44-0	0.001
VI	66	N,N-dimethylacetamide	127-19-5	0.010
VI	67	Pentazinc chromate octahydroxide*	49663-84-5	0.001
VI	68	Phenolphthalein	77-09-8	0.010
VI	69	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	0.001
VI	70	Trilead diarsenate*	3687-31-8	0.001
VI	71	Zirconia Aluminosilicate Refractory Ceramic Fibres*	-	0.001
VII	72	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)§	2580-56-5	0.010
VII	73	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)§	548-62-9	0.010
VII	74	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.010
VII	75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.010
VII	76	4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)	90-94-8	0.010
VII	77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol§	561-41-1	0.010
VII	78	Diboron trioxide*	1303-86-2	0.001



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Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
VII	79	Formamide	75-12-7	0.010
VII	80	Lead(II) bis(methanesulfonate)*	17570-76-2	0.001
VII	81	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	0.010
VII	82	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	2451-62-9	0.010
VII	83	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) §	6786-83-0	0.010
VII	84	β -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	0.010
VIII	85	[Phthalato(2-)]dioxotrilead*	69011-06-9	0.001
VIII	86	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.010
VIII	87	1,2-Diethoxyethane	629-14-1	0.010
VIII	88	1-Bromopropane	106-94-5	0.010
VIII	89	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.010
VIII	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-	0.010
VIII	91	4,4'-Methylenedi-o-toluidine	838-88-0	0.010
VIII	92	4,4'-Oxydianiline and its salts	101-80-4	0.010
VIII	93	4-Aminoazobenzene	60-09-3	0.010
VIII	94	4-Methyl-m-phenylenediamine	95-80-7	0.010
VIII	95	4-Nonylphenol, branched and linear	-	0.010
VIII	96	6-Methoxy-m-toluidine	120-71-8	0.010
VIII	97	Acetic acid, lead salt, basic*	51404-69-4	0.001



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Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
VIII	98	Biphenyl-4-ylamine	92-67-1	0.010
VIII	99	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	0.010
VIII	100	Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	-	0.010
VIII	101	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	0.010
VIII	102	Dibutyltin dichloride (DBTC)	683-18-1	0.010
VIII	103	Diethyl sulphate	64-67-5	0.010
VIII	104	Diisopentylphthalate	605-50-5	0.010
VIII	105	Dimethyl sulphate	77-78-1	0.010
VIII	106	Dinoseb	88-85-7	0.010
VIII	107	Dioxobis(stearato)trilead*	12578-12-0	0.001
VIII	108	Fatty acids, C16-18, lead salts*	91031-62-8	0.001
VIII	109	Furan	110-00-9	0.010
VIII	110	Henicosfluoroundecanoic acid	2058-94-8	0.010
VIII	111	Heptacosfluorotetradecanoic acid	376-06-7	0.010
VIII	112	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	-	0.010
VIII	113	Lead bis(tetrafluoroborate)*	13814-96-5	0.001
VIII	114	Lead cyanamidate*	20837-86-9	0.001
VIII	115	Lead dinitrate*	10099-74-8	0.001
VIII	116	Lead monoxide*	1317-36-8	0.001



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Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
VIII	117	Lead oxide sulfate*	12036-76-9	0.001
VIII	118	Lead tetroxide (orange lead)*	1314-41-6	0.001
VIII	119	Lead titanium trioxide*	12060-00-3	0.001
VIII	120	Lead titanium zirconium oxide*	12626-81-2	0.001
VIII	121	Methoxyacetic acid	625-45-6	0.010
VIII	122	Methyloxirane (Propylene oxide)	75-56-9	0.010
VIII	123	N,N-dimethylformamide	68-12-2	0.010
VIII	124	N-Methylacetamide	79-16-3	0.010
VIII	125	N-Pentyl-isopentylphthalate	776297-69-9	0.010
VIII	126	o-Aminoazotoluene	97-56-3	0.010
VIII	127	o-Toluidine	95-53-4	0.010
VIII	128	Pentacosfluorotridecanoic acid	72629-94-8	0.010
VIII	129	Pentalead tetraoxide sulphate*	12065-90-6	0.001
VIII	130	Pyrochlore, antimony lead yellow*	8012-00-8	0.001
VIII	131	Silicic acid, barium salt, lead-doped*	68784-75-8	0.001
VIII	132	Silicic acid, lead salt*	11120-22-2	0.001
VIII	133	Sulfurous acid, lead salt, dibasic*	62229-08-7	0.001
VIII	134	Tetraethyllead*	78-00-2	0.001
VIII	135	Tetralead trioxide sulphate*	12202-17-4	0.001
VIII	136	Tricosfluorododecanoic acid	307-55-1	0.010
VIII	137	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*	1319-46-6	0.001



Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
VIII	138	Trilead dioxide phosphonate*	12141-20-7	0.001
IX	139	4-Nonylphenol, branched and linear, ethoxylated	-	0.010
IX	140	Ammonium pentadecafluorooctanoate (APFO)**	3825-26-1	0.010
IX	141	Cadmium oxide*	1306-19-0	0.001
IX	142	Cadmium*	7440-43-9	0.001
IX	143	Dipentyl phthalate (DPP)	131-18-0	0.010
IX	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.010
X	145	Cadmium sulphide*	1306-23-6	0.001
X	146	Dihexyl phthalate	64-75-3	0.010
X	147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	0.010
X	148	Disodium 4-amino-3-[[4'-(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	0.010
X	149	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	0.010
X	150	Lead di(acetate)*	301-04-2	0.001
X	151	Trixylyl phosphate	25155-23-1	0.010
XI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.010
XI	153	Cadmium chloride*	10108-64-2	0.001
XI	154	Sodium perborate; perboric acid, sodium salt*	-	0.001
XI	155	Sodium peroxometaborate*	7632-04-4	0.001



Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
XII	156	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	0.010
XII	157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.010
XII	158	2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate; DOTE	15571-58-1	0.010
XII	159	Cadmium fluoride*	7790-79-6	0.001
XII	160	Cadmium sulphate*	10124-36-4, 31119-53-6	0.001
XII	161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate & 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE & MOTE)	-	0.010
XIII	162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	-	0.010
XIII	163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	-	0.010
XIV	164	1,3-propanesultone	1120-71-4	0.010
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.010
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.010
XIV	167	Nitrobenzene	98-95-3	0.010
XIV	168	Perfluorononan-1-oi-c-acid and its sodium and ammonium salts	-	0.010
XV	169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	0.010



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Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
XVI	170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	0.010
XVI	171	4-Heptylphenol, branched and linear	-	0.010
XVI	172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	-	0.010
XVI	173	p-(1,1-dimethylpropyl)phenol	80-46-6	0.010
XVII	174	Perfluorohexane-1-sulphonic acid and its salts	-	0.010
XVIII	175	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[2.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus™") [covering any of its individual anti- and syn-isomers or any combination thereof]	-	0.010
XVIII	176	Benz[a]anthracene	56-55-3	0.010
XVIII	177	Cadmium nitrate*	10325-94-7	0.001
XVIII	178	Cadmium carbonate*	513-78-0	0.001
XVIII	179	Cadmium hydroxide*	21041-95-2	0.001
XVIII	180	Chrysene	218-01-9	0.010
XVIII	181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	-	0.010
XIX	182	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride)	552-30-7	0.010
XIX	183	Benzo[ghi]perylene	191-24-2	0.010
XIX	184	Decamethylcyclotrisiloxane (D5)	541-02-6	0.010
XIX	185	Dicyclohexyl phthalate (DCHP)	84-61-7	0.010
XIX	186	Disodium octaborate*	12008-41-2	0.001
XIX	187	Dodecamethylcyclotrisiloxane (D6)	540-97-6	0.010



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Products

Report No.: 242122000-01a Page 1 of 3
Client: Dongguan Grinvald Technology Co., Ltd.
Contact Information: 401 Building A 4th Floor, Dongguan Guangdong China 523000
Identification/ Model No(s): MEDCARE NITRILE EXAMINATION GLOVES
Sample Receiving date: 2020-08-05
Sample Resubmitted date: 2020-08-20
Testing Period: 2020-08-05 to 2020-08-27
Delivery condition: Apparent good, Samples tested as received

Test Specification: 1. EN 455-1: 2000: Requirements for freedom from holes
Test result: PASS

Other Information provided by client:

Grade: Examination Gloves Powder Free
Manufacture: Dongguan Grinvald Technology Co., Ltd.
Country of Origin: China

The report 242122000-01a **supersedes** report 242122000-01 (Revised Identification/Model No.(S))

For and on behalf of
TÜV Rheinland Thailand Ltd.



2020-09-01

Wilawan Sriprom / Manager

Date

Name/Position

Test result is drawn according to the kind and extent of tests performed. This test report relates to the above mentioned Test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

Test Report No.: 242122000-01a

Page 2 of 3

Sampling Information:

Inspection Method: No inspection
 Inspection level: N/A
 AQL: N/A
 Sample size: N/A

Material list:

Material No.	Material	Color	Location
M001	Nitrile Gloves	Blue	Refer to photo

Freedom from holes

Test method: With reference to EN 455-1: 2000

Test result:

Material No.	Gloves Size	Tested samples	No. of samples for Non-compliance	Conclusion
M001	M	200 pcs.	1	Pass

Remark:

- All samples were selected and supplied by the client.
- The batch size of the gloves supplied was not stated by the client. In accordance with BS EN 455-1, a batch size between 35,001 to 150,000 was chosen, and therefore 50 gloves per stage were tested for perforations using General Inspection Level I at an AQL of 1.5%. with reference to table, the result can be judged as above AQL 0.65.

Stage No.	Cumulative no. tested	Accept	Reject
First	50	0	4
Second	100	1	6
Third	150	3	8
Fourth	200	5	9
Fifth	250	9	19

Test Report No.: 242122000-01a

Page 3 of 3

Sample photo



-END-



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Hongwei Road
Xiping, Nancheng District
DONGGUAN CITY
Guangdong Province
China
523079
STE/CHT Job No.: CHT0302430
Date of report: 29 October 2020
Samples received: 28 September 2020
Date(s) work carried out: Between 7 and 14 October 2020

TECHNICAL REPORT

SATRA Technology Services (Dongguan) Ltd:

Customer: Dongguan Grimvald Technology Co Ltd
401 Building A 4th Floor
Dongguan
Guangdong
China
523000

Subject: Testing of gloves identified as Medcare examination glove MD0120 Powder free n accordance with EN 455-2:2015

Conditions of Issue:

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Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

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The uncertainty of the results (UoM) in this report is based on a standard uncertainty multiplied by a coverage factor k=2, which provides a coverage probability of approximately 95%.

Report signed by: Debbie Reed
Position: PPE Technologist
Department: Safety Product Testing

Work Requested

Samples of gloves, see Table 1, were received by SATRA, for testing in accordance with EN 455-2:2015

Table 1 – Samples Received

Sample description as stated by the client	Sizes submitted for testing	Colour of samples submitted	Approximate weight of one glove
Medcare examination glove MD0120 Powder free	8 (M)	Blue	Size: 8 (M) Weight: 4.8g



Medcare examination glove MD0120 Powder free

Conclusion

Standard	Clause / Property	Result
EN 455-2: 2015	4.2 Length	Pass
	4.3 Width	Pass
	5.2 Force at break	Pass all requirements
	5.3 Force at break after challenge testing	Pass requirements B and C only

Testing

Samples were tested as received, and were conditioned to the individual requirements of each clause as stated in the standards.

Requirements

EN 455-2:2015 Dimensions of examination/procedure gloves

Size	Median length (mm)	Median width (mm)
Extra small	≥ 240	≤ 80
Small		80 ± 10
Medium		95 ± 10
Large		110 ± 10
Extra large		≥ 110

Length measured according to figure 1 of EN 455-2:2015
 Width measured according to figure 1 of EN 455-2:2015
 The width requirements are for gloves from natural rubber latex and all other elastomeric materials. These dimensions may not be appropriate for gloves made from other materials

Requirements for EN 455-2:2015 Force at Break

	Median Values of Force at Break (N)		
	Surgical gloves a)	Examination / Procedure Gloves b) c)	
Force at break	≥ 9.0	≥ 6.0	≥ 3.6
After challenge test			

A) Requirements for surgical gloves
 b) Requirements for all examination gloves, except gloves made from thermoplastic materials (e.g. polyvinylchloride, polyethylene)
 c) Requirements for gloves made from thermoplastic materials (e.g. polyvinylchloride, polyethylene)

Test Results

EN 455-2:2015 Test Results of gloves identified as Medcare examination glove MD0120 Powder free

Clause / Test	Test Results				Result
	Sample	Size	Length mm	Width mm	
4.2 Length and 4.3 Width	1	8 (M)	248	96	Pass
	2	8 (M)	250	96	
	3	8 (M)	248	96	
	4	8 (M)	248	97	
	5	8 (M)	249	96	
	6	8 (M)	247	96	
	7	8 (M)	251	95	
	8	8 (M)	250	97	
	9	8 (M)	249	96	
	10	8 (M)	248	96	
	11	8 (M)	248	96	
	12	8 (M)	248	95	
	13	8 (M)	249	96	
Median	-	-	248	96	

EN 455-2:2015 Test Results for as received gloves identified as Medcare examination glove MD0120 Powder free

Clause / Test	Test Results					Result
	Sample	Single wall thickness mm (tf)	Thickness of dumbbell pieces mm (tx)	tf/tx	Force at break /N	
5.2 Force at Break	1	0.125	0.08	1.6	5.83	Pass all requirements
	2	0.12	0.08	1.5	9.09	
	3	0.125	0.08	1.6	8.36	
	4	0.125	0.07	1.8	9.68	
	5	0.12	0.07	1.7	9.49	
	6	0.12	0.08	1.5	7.78	
	7	0.115	0.08	1.4	8.95	
	8	0.115	0.08	1.4	10.82	
	9	0.12	0.07	1.7	6.93	
	10	0.115	0.08	1.4	9.02	
	11	0.115	0.08	1.4	7.52	
	12	0.125	0.07	1.8	9.46	
	13	0.12	0.07	1.7	9.09	
Median	-	-	-	9.02		
M _t ≥ 0.9 No correction is required tf/tx < 0.9 Correction is required						

EN 455-2:2015 Test Results for after aged gloves identified as Medicare examination glove MD0120 Powder free

Clause / Test	Test Results					Result
	Sample	Single wall thickness mm (tf)	Thickness of dumbbell pieces mm (tx)	tf/tx	Force at break /N	
5.2 Force at Break	1	0.13	0.08	1.6	6.66	Pass requirements B and C only
	2	0.135	0.08	1.7	11.24	
	3	0.14	0.08	1.8	7.76	
	4	0.14	0.07	2.0	6.13	
	5	0.13	0.07	1.2	8.62	
	6	0.13	0.08	1.6	9.51	
	7	0.135	0.08	1.7	7.19	
	8	0.135	0.07	1.9	9.53	
	9	0.14	0.08	1.8	7.72	
	10	0.14	0.07	2.0	9.06	
	11	0.13	0.07	1.9	7.96	
	12	0.13	0.08	1.6	8.13	
	13	0.13	0.08	1.6	9.79	
Median	-	-	-	-	8.13	
tf/tx ≥ 0.9 No correction is required tf/tx < 0.9 Correction is required						

Additional Information / Notes

Additional uncertainty of measurement information

Clause / Test	Property	UoM
5 Watertightness	Time (s)	± 1.0 s
4.2 Length and 4.3 Width	Measurement (mm)	± 1.2 mm
5.2 Force at break	Force (N)	± 4.2%

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 - All references in these terms and conditions to the "Contract" shall be taken to mean the contract between SATRA and the Client for the supply of Goods or Services which is made subject to these terms and conditions, and "Services" shall be taken to mean the supply of services to be supplied or performed under the Contract (including the supply of software components and consultancy, and "Goods" shall be taken to mean the equipment, consumables or other physical items sold under the Contract (including documents, drawings or other information required in order to operate the equipment).
 - All drawings, descriptions, notes, specifications and advertising material (including brochures and catalogues) are issued or published with the sole purpose of giving an indication of the goods or services being described and do not form part of the Contract.
 - Where SATRA and the Client agree that the sale of Goods shall be governed by Incoterms 2010 (any subsequent issue or amendment thereto) the rules shall be governed by the relevant incoterms code of transport which is agreed by SATRA and the Client.
- FEE'S AND PAYMENT**
 - Where SATRA has agreed to perform the Services or supply the Goods on the basis of credit then payment terms are set out in clause 5.2 of the contract. Where SATRA has agreed to perform the Services or supply the Goods on the basis of cash then payment terms are set out in clause 5.2 of the contract. Where SATRA has agreed to perform the Services or supply the Goods on the basis of cash then payment terms are set out in clause 5.2 of the contract. Where SATRA has agreed to perform the Services or supply the Goods on the basis of cash then payment terms are set out in clause 5.2 of the contract.
 - Where the provision of Services or the sale of Goods is subject to a payment invoice then SATRA shall not be obliged to start working on the provision of the Goods or Services until after payment in full has been made to SATRA.
 - SATRA reserves the right to charge for any and all expenses incurred as a result of performing the Services requested by the Client. Although SATRA's liability and/or liability is limited in amount, it may change as a result of circumstances out of SATRA's control.
 - Unless otherwise agreed in writing, the price for the Goods or Services shall be the price set in the order acknowledgement. SATRA shall not be bound by any price quotation which is not in writing. Prices for the sale of Goods include packing costs and materials but not carriage or installation which will be quoted separately and as agreed with the Client.
 - Quotations are valid for a period of 30 days unless otherwise specified or agreed in writing.
 - Should the Client become insolvent, bankrupt, subject to an administration order, enter into liquidation or restructure, or make arrangements with creditors SATRA reserves the right to cancel the Contract and terminate the supply of the Goods or Services. Where the Contract with SATRA is a contractual relationship which SATRA has entered into with the Client, SATRA shall be immediately repaid, and any amounts payable to SATRA to the Client returned. Termination of the Contract shall be without prejudice to any of SATRA's accrued rights.
 - All invoices issued by SATRA are payable in full. The Client is responsible for payment of withholding and any other taxes and of input taxes. Payments made to SATRA shall not be reduced by such amounts.
 - The Client shall not be entitled to withhold or defer payment due to SATRA as a result of any dispute or counter claim that it may allege against SATRA.
 - SATRA reserves the right to bring action against the Client in order to collect unpaid taxes, including court action. All fees associated with such action shall be paid for by the Client including legal fees and related costs.
 - Where an invoice is not paid as a result of provision of the Goods or carrying out the Services SATRA shall inform the Client immediately but reserves the right to charge additional costs to cover said costs and expenses.
- INTELLECTUAL PROPERTY RIGHTS**
 - All intellectual property rights belonging to a Party prior to entering into the Contract shall remain with that Party. Nothing in this Contract shall alter transfer of any intellectual property rights from one Party to the other.
 - In the event of confidential services the use of confidential marks by the Client may be subject to additional and international laws and regulations. The responsibility for the use of these confidential marks lies solely with the Client.
 - All intellectual property rights in reports, drawings, graphs, charts, photographs or any other material (in whatever medium) produced by SATRA pursuant to the Contract shall belong to SATRA. The Client shall have the right to use said material in accordance with the terms of the Contract.
 - The Client agrees and acknowledges that SATRA retains any and all primary rights in patents, ideas and inventions that may arise during the preparation or provision of any report (including any deliverables provided by SATRA to the Client) and the provision of the Services to the Client.
 - All intellectual property rights in any software, applications or data used by SATRA or SATRA's licensors, subcontractors or suppliers shall remain the property of SATRA. SATRA shall be entitled to use the software for its internal use and will be entitled to re-use the software for other purposes. SATRA may however terminate the supply of software components and files for other purposes of software which it no longer considers viable to support. The Client agrees to use the software and associated software updates and files in accordance with the Client's terms of use. Major updates are not included in the software license and may be offered by SATRA through a separate license or additional fee.
 - SATRA shall observe all statutory provisions with regard to data protection including but not limited to the provisions of the Data Protection Act 2018 and the EU General Data Protection Regulation (GDPR) Regulation (EU) 2016/679. To the extent that SATRA processes or gains access to personal data in connection with the Services or otherwise in connection with this Contract, it shall take all reasonable technical and organisational measures to ensure the security of such data (notwithstanding any limitation on such measures imposed by applicable laws, regulations or orders).
- SUSPENSION OR TERMINATION OF SERVICES**
 - Cancelled or by the Client if orders for Goods or Services will only be acceptable prior agreement with SATRA and a charge will usually be made.
 - SATRA shall not be liable for any delay or failure in providing the Goods or Services due to circumstances beyond its reasonable control (including any failure by the Client to comply with its obligations). If any such circumstances arise which prevent SATRA from delivering the Goods or completing the Services, then SATRA shall be entitled to cancel or suspend the delivery of Goods or Services or to deviate from the terms of the Contract. SATRA shall be entitled to cancel or suspend the delivery of Goods or Services or to deviate from the terms of the Contract. SATRA shall be entitled to cancel or suspend the delivery of Goods or Services or to deviate from the terms of the Contract. SATRA shall be entitled to cancel or suspend the delivery of Goods or Services or to deviate from the terms of the Contract.
- LIABILITY AND INDEMNIFICATION**
 - Reports are issued on the basis of information, documents and samples submitted to SATRA by the Client, or on behalf of the Client and are provided solely for the benefit of the Client who is responsible for acting on them. SATRA shall not be liable for any loss or damage, including consequential loss, arising from any use of the reports, or from any reliance on the information contained therein. SATRA shall not be liable for any loss or damage, including consequential loss, arising from any use of the reports, or from any reliance on the information contained therein. SATRA shall not be liable for any loss or damage, including consequential loss, arising from any use of the reports, or from any reliance on the information contained therein.
 - Nothing in these terms and conditions shall limit or reduce SATRA's liability for:
 - death or personal injury caused by negligence or the negligence of its employees or agents;
 - fraud or fraudulent misrepresentation;
 - breach of the terms, including Section 5.2 of the Sale of Goods Act 1979;
 - defective products under the Consumer Protection Act 1987;
 - any other liability which cannot be limited or excluded by legislation.
 - Subject to clause 5.2 SATRA shall not be liable to the Client whether in contract, tort (including negligence), breach of duty or otherwise, under any statute or otherwise, for any loss or damage, including consequential loss, arising from any use of the reports, or from any reliance on the information contained therein. SATRA shall not be liable to the Client whether in contract, tort (including negligence), breach of duty or otherwise, under any statute or otherwise, for any loss or damage, including consequential loss, arising from any use of the reports, or from any reliance on the information contained therein.
 - Subject to clause 5.2 SATRA's total aggregate liability to the Client, whether in contract, tort (including negligence), breach of duty or otherwise, under any statute or otherwise, for any loss or damage, including consequential loss, arising from any use of the reports, or from any reliance on the information contained therein, shall not exceed the amount of the fee for the Services or the price of the Goods (whichever is the higher) plus any other amounts payable by the Client to SATRA under the Contract or a related contract or agreement with SATRA.
- MISCELLANEOUS**
 - If any one or more provisions of these conditions are found to be illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions shall not be affected or impaired thereby.
 - During the course of providing the Goods or Services and/or a period of one year thereafter the Client shall not directly or indirectly, orally, in writing, encourage or induce any other to SATRA's employees to leave their employment with SATRA.
 - The use of SATRA's corporate name or registered mark for advertising purposes is not permitted without SATRA's prior written authorisation.
 - All reports and documentation which are prepared by the Client under the Contract remain the property of SATRA and shall be held by SATRA. Under no circumstances will the Client's name or logo be used by SATRA for any purpose without the Client's prior written consent.
 - The Client acknowledges that in entering into this Contract it has not relied on any representation, warranty, statement or other assurance (except those set out or referred to in these terms and conditions) made by or on behalf of SATRA or any other party before entering into the Contract. The Client releases SATRA from any and all liability and/or claims, including consequential loss, arising from any use of the reports, or from any reliance on the information contained therein.
 - All provisions of the Contract that limit or exclude the liability of SATRA are intended to apply to the benefit of SATRA's holding company (pursuant to SATRA's articles of association) and any company controlled by SATRA in England and Wales, with company number 2032242, and shall accordingly be enforceable by such holding company as well as or instead of by SATRA, and in the event that any limit or exclude liability of SATRA shall apply to it, SATRA shall be deemed to be SATRA's holding company in the agreement.
- CONFIDENTIALITY**
 - Unless specifically excluded in the terms of an individual contract between SATRA and the Client, the following shall apply to all deliverables including reports, advice, drawings, photographs, specifications, data or other forms of media:
 - Deliverables referred to in clause 7.1 shall not be disclosed to third parties or used in litigation without the consent of SATRA.
 - Where SATRA has given consent to disclosure of any service deliverable referred to in clause 7.1, the Client shall observe the obligation of the third party to those terms of business and the laws in which SATRA undertakes trading, reporting and working. The Client shall indemnify SATRA for any failure to do so.
 - The service deliverable referred to in clause 7.1 are submitted to the Client as confidential documents. Confidentiality shall continue to apply after completion of the business, and shall accordingly be enforceable by SATRA or any other party to whom SATRA has transferred the business through or through the Client.
 - The Client shall not disseminate, retransmit or carry out any form of analysis on goods or materials sold by SATRA or the Client or any other party to whom SATRA has transferred the business through or through the Client without the consent of SATRA.
- AMENDMENT**
 - No amendment to this Contract shall be effective unless it is in writing, signed by both parties to the Contract and approved by an authorised signatory of both Parties.
- DISPUTE RESOLUTION**
 - If there should be a dispute between the parties to the Agreement and they undertake to act with goodwill and in an amicable and constructive manner to resolve the dispute:
 - Failure to resolve any dispute by discussions between the parties shall, in the first instance, be followed by mediation for resolution. The parties shall attempt to agree upon the appointment of a mediator, upon receipt by either of them, of a written notice to occur in such appointment. Should the parties fail to agree within 21 days after party upon giving written notice, they apply to the President or the Vice-President, for the time being, of the Chartered Institute of Arbitrators, for the appointment of a mediator.
 - Should the mediation fail, either party may refer the dispute to arbitration, and the arbitration shall be referred to the President or the Vice-President for the time being, of the Chartered Institute of Arbitrators, for the appointment of a single arbitrator for final resolution. The arbitrator shall have no connection with the mediator or the mediation proceedings, unless both parties have consented in writing to the arbitrator and be governed by the Arbitration Act 1996 and the Chartered Court Rules of the



TERMS AND CONDITIONS FOR THE SALE OF GOODS AND/OR THE PROVISION OF SERVICES

- Chartered Institute of Arbitration (2000) or any amendments thereof which shall be deemed to be incorporated by reference into this clause. The seat of the arbitration shall be England and Wales.
- 5.4 The laws of England shall govern the interpretation of the Contract. Subject to clauses 6.1, 6.2 and 6.3 any dispute arising out of or in connection with the Contract shall be subject to the exclusive jurisdiction of the courts of England. However, the Party obtaining judgment in such courts shall be entitled to enforce it in any court it chooses.
- 6. PROVISION OF SERVICES**
- 10.1 SATRA shall provide Services using reasonable care and skill and in accordance with the Client's specific instructions and as confirmed by SATRA as part of the Contract invoice process.
- 10.2 Services for completion of the Services are made in good faith and able from receipt of a written order, payment of appropriate invoice and receipt of full information and samples to enable SATRA to proceed. While SATRA will make every effort to fulfil them, such services are subject to unforeseen events and if not achieved, cannot give any guarantee. There will not be the reverse inclusion into the performance of the Services.
- 10.3 Results given in test reports or certificates refer only to samples submitted for analysis to SATRA. A satisfactory test report in no way implies that the product conforms to the requirements of SATRA and recovery is given as to the performance of the product tested.
- 10.4 SATRA may delegate all or part of the Services to a subcontractor and the Client authorises SATRA to disclose all information required to undertake the Services.
- 10.5 Where the Client requests SATRA to undertake testing of other services being undertaken by a third party the Client agrees that SATRA's sole responsibility is to be present at the time of the work and to forward the results or confirm that the service has been undertaken. The Client agrees that unless otherwise agreed SATRA is not responsible for the condition or calibration of any equipment unless provided by SATRA.
- 10.6 Unless otherwise agreed in advance, test samples will be retained for 6 weeks from the date of the final report after which time they will be disposed of and SATRA shall cease to have any responsibility for such samples.
- Where the nature of the sample or the Service undertaken results in specialist disposal then SATRA reserves the right to pass the cost of such disposal onto the Client. Storage for longer periods may be possible only if agreed in advance and may incur a storage charge payable by the Client.
- Where practical and agreed in advance, samples may be returned at the Client's expense. However, samples are in no case to be partially or fully destroyed as part of the work undertaken and SATRA cannot guarantee that samples will be returned in an 'as new' condition.
- 10.7 Where SATRA receives documents reflecting engagements between the Client and third parties or documents belonging to third parties, such documents shall be considered as being for information only and shall not release the Client from any or all obligations to SATRA.
- 10.8 SATRA reserves the right to make changes to the Services, provided that such changes do not materially affect the nature or quality of the provision of these Services, or where they are necessary in order to ensure that any applicable law or safety requirements are complied with.
- 10.9 The Client acknowledges that SATRA is providing the Services, neither takes the place of the Client or any third party or releases them from any of their obligations.
- 11. CLIENT RESPONSIBILITIES RELATING TO THE PROVISION OF SERVICES**
- 11.1 The Client shall provide sufficient samples, information, instructions and documents as required to enable SATRA to carry out the Services in accordance with the methods, standards or other specifications as agreed.
- 11.2 Where applicable the Client shall allow access by members of SATRA staff to each premises where the Services are to be performed and provide any specialist equipment and personnel.
- 11.3 The Client shall inform SATRA in advance of any known hazards, dangers or other safety matters relating to samples submitted to SATRA or on-site visits made by SATRA.
- 11.4 Where the Client fails to comply with any of its responsibilities SATRA reserves the right to suspend any Services until such time as the Client has complied and may require the Client to reimburse SATRA the amount of any additional costs arising from the suspension.
- 12. DELIVERY AND NON-DELIVERY OF GOODS**
- 12.1 Delivery dates for the supply of the Goods are approximate only and not guaranteed. Time of delivery is not of the essence of the Contract and SATRA shall not be liable for any delay in delivery of Goods.
- 12.2 Should expedited delivery be requested and agreed, SATRA shall be entitled to make additional charges to cover overtime or any other additional costs.
- 12.3 Delivery of the Goods shall take place at such location as SATRA and the Client agree. If the Client agrees to collect the Goods from SATRA's premises, then delivery will take place at those premises in which case the responsibility of Goods as recorded by SATRA upon dispatch shall be evidence of the Goods received by the Client unless the Client can provide conclusive evidence to the contrary.
- 12.4 SATRA shall not be liable for the non-delivery of Goods (even if caused by SATRA) unless the Client provides written notice of non-delivery in accordance with clause 13.2. Liability for non-delivery of Goods shall in any event be limited to replacing the Goods within a reasonable time frame or the issue of a credit note to the value of the Goods not delivered.
- 12.5 Should delivery of the Goods be suspended or delayed by the Client for any reason SATRA reserves the right to charge for storage and all expenses incurred, including loss of or wastage of resources that cannot otherwise be used. If the delay extends beyond 30 days SATRA shall be entitled to make payment for any Goods that are ready for delivery, and any other additional costs.
- 12.6 If for any reason the Client fails to accept delivery of any of the Goods when they are ready for delivery, or SATRA is unable to deliver the Goods in time because the Client has not provided appropriate instructions, documents, samples or authorisation that the Client has agreed to pay for, the Goods and/or Services shall be deemed to have been delivered and SATRA may store the Goods until delivery whereupon the Client shall be liable for all related costs and expenses (including without limitation, storage and insurance).
- 13. TITLE OF GOODS**
- 13.1 Subject to clause 12.5 the risk in the Goods will transfer to the Client on delivery of the Goods unless SATRA and the Client have agreed that the title of the Goods will be governed by the terms of any subsequent written order in which case risk will transfer to the Client in accordance with the Incoterms mode of transport which is agreed by SATRA and the Client.
- 13.2 The Company shall not accept responsibility for loss or damage in transit unless:
- 13.3 In the case of sales where delivery of Goods is made in the United Kingdom SATRA is notified by the Client within 10 days of the invoice date of non-arrival of Goods and within 3 days of the invoice date of receipt of Goods damaged in transit or:
- 13.4 In all other cases the Client notifies SATRA of the non-arrival or damage in transit within a reasonable period of time as determined by SATRA.
- 13.5 Title to the Goods shall not pass to the Client until the earlier of when:
- 13.6 SATRA receives payment in full (in cash or cleared funds) for the Goods and any other Goods that SATRA has supplied to the Client in which case title to the Goods shall pass at the time of payment of all such sums; and
- 13.7 the Client made the Goods in accordance with clause 13.5 in which case title shall pass to the Client immediately before the time at which the goods by the Client occurs.
- 13.4 Until ownership of Goods has passed to the Client, the Client shall:
- 13.5 hold the Goods as SATRA's bailee;
- 13.6 ensure the Goods are not sold to SATRA separately from all other goods belonging to the Client or any third party to such a way that they remain readily identifiable as SATRA's property (including where the Goods have been sold to a third party);
- 13.7 not destroy, efface or obliterate any identifying mark or packaging or any labelling to the Goods and maintain the Goods in satisfactory condition and keep them insured on SATRA's behalf for their full price against all risks to the reasonable satisfaction of SATRA. The Client shall obtain an endorsement of SATRA's interest in the Goods on its insurance policy. On request the Client shall allow SATRA to inspect such a policy and shall produce the policy of insurance;
- 13.8 The Client may assign the Goods before ownership has passed to it solely on condition that title shall be affected in the ordinary course of the Client's business at full market value.
- 13.9 If before title to the Goods passes to the Client, the Client becomes subject to any of the events referred to in clause 2.6 then without limiting any other right or remedy SATRA may have:
- 13.10 the Client's right to recall the Goods or use them in the ordinary course of its business ceases immediately and
- 13.11 SATRA may at any time require the Client to deliver up all Goods in its possession that have not been used or irrevocably incorporated into another product; and
- 13.12 if the Client fails to do so promptly SATRA may exercise its rights under clause 13.7.
- 13.7 The Client grants SATRA, its agents and employees an irrevocable license allowing them to enter any premises where the Goods are or may be stored in order to inspect them, or where the Client's right to possession has terminated, to recover them.
- 13.8 On termination of the Contract, however caused, SATRA's (but not the Client's) rights contained in this clause 13 shall remain in effect.
- 14. PATENTS**
- 14.1 SATRA gives no indemnity against any claim of infringement of Letters Patent, Registered Design, Trade Mark or Copyright by the use of or sale of any article or material supplied to the Client. If it is possible without infringement of Letters Patent, Registered Design, Trade Mark or Copyright published at the date of the contract SATRA will inform the Client the purchase price of the said article or material provided that it is referred to SATRA free of charge. The Client warrants that any design or instruction furnished or given by the Client shall not be such as will cause SATRA to infringe any Letters Patent, Registered Design, Trade Mark or Copyright in the possession of the Client's client.
- 15. WARRANTY OF GOODS**
- 15.1 SATRA warrants that on delivery and for a period of 12 months from the date of delivery or within the shelf life of the Goods (whichever is the shorter period) the Goods shall be free from defects in design, material and workmanship.
- 16. DEFECTIVE GOODS**
- 16.1 Subject to clauses 15.1 and 16.7:
- 16.2 the Client gives notice in writing to SATRA in accordance with clause 16.3 and during the period referred to in clause 15.1 that the Goods do not comply with the warranty in that clause; and
- 16.3 SATRA is given a reasonable opportunity of examining such Goods; and
- 16.4 the Client if asked to do so by SATRA returns such Goods to SATRA's place of business then SATRA will at its option repair or replace the defective Goods or refund the price of the defective Goods in 6.6. SATRA reserves the right to accept the Goods as the Client is permitted.
- 16.2 The Client must inspect all Goods upon delivery. Failure to do so may result in further charges being applied in the event of a claim.
- 16.3 If Goods are found to be faulty, defective or damaged the Client must inform SATRA in writing as soon as reasonably practicable and in any event within 10 working days of the fault, damage or defect being discovered.
- 16.4 Without prejudice to clause 6.1 if notification of rejection has been received by SATRA within 3 months of delivery, the Client shall be deemed to have accepted the Goods.
- 16.5 SATRA will pay the reasonable costs of carriage, packaging and insurance for any defective Goods which are returned by the Client provided that SATRA is liable under clause 16.1 to repair or replace the defective Goods. If SATRA determines that the Goods are not defective or if SATRA is not able to repair or replace the Goods due to the circumstances under clause 16.3 or 16.7 then the Client will be responsible for the payment of such costs.
- 16.6 SATRA shall not be under any liability to repair or at its option replace or pay for the repair or replacement of any Goods which are found to be defective if:
- 16.7 the defect is caused or substantially caused by wear and tear, overloading, misuse, neglect, modification or attempted modification carried out by any organisation other than by SATRA or their approved agents, or use with or by equipment not approved in writing by SATRA, or if such equipment maintenance or cleaning;
- 16.8 the Client authorises or carries out any repair or replacement of any Goods without first affecting SATRA's agreement to repair or replace them; or
- 16.9 the Client has breached any of the terms of the Contract under which the Goods were supplied; or
- 16.10 the Goods have been manufactured to a design or specification or in compliance with other information provided to the Client and the defective arises as a result of that design, specification or information.
- 16.7 Where Goods or part of Goods are not manufactured by SATRA then SATRA shall be liable for defects only to the extent that SATRA obtains redress from the manufacturer or supplier thereof provided that:
- 16.8 SATRA shall not be obliged to take any step to attempt to obtain such redress except at the request and expense of the Client and upon production by the Client of a full indemnity as to costs for which SATRA may thereby become liable;
- 16.9 notwithstanding clause 16.7 shall have effect as to its impact upon SATRA any additional liability or obligations other than those referred to in clause 6.1.
- 16.6 Except as provided in clause 6.1 SATRA shall have no liability to the Client arising from any failure of the Goods to comply with the warranty in clause 15.1.



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www.satra.com

Customer details: SATRA Technology Services (Dongguan) Ltd SATRA reference: CHM0304837/2046/LH
Unit 110, Xinzhongyin Garden
Hongwei Road
Xiping, Nancheng District
DONGGUAN CITY
Guangdong Province
China
523079

STE Job number: CHT0304176
Date of report: 27th November 2020
Samples received: 11th November 2020
Date(s) work carried out: 19th to 23rd November 2020

TECHNICAL REPORT

SATRA Technology Services (Dongguan) Ltd:

Customer: Dongguan Grinvald Technology Co., Ltd
401 Building A 4th Floor
Dongguan
Guangdong
China

Subject: Determination of removable surface powder in accordance with EN ISO 21171:2006 on samples described as Medicare Nitrile examination gloves, powder free, colour blue Ref as MD0120

Conditions of Issue:

This report may be forwarded to other parties provided that it is not changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report.

Please note uncertainty of measurement has not been applied to the results in this report. SATRA uncertainty of measurement values are available on request.

Report signed by: Lorna Harding
Position: Technologist
Department: Chemical & Analytical Technology

WORK REQUESTED:

Samples of gloves described as Medicare Nitrile examination gloves, powder free, colour blue Ref as MD0120 were received on the 11th November 2020 for the determination of removable surface powder in accordance with EN ISO 21171:2006.

SAMPLES SUBMITTED:



Samples described as Medicare Nitrile examination gloves, powder free, colour blue Ref as MD0120

TESTS REQUIRED:

- EN ISO 21171: 2006 – Medical gloves – Determination of removable surface powder. Method B – Procedure for “powder free” gloves other than surgeon’s gloves

CONCLUSION:

The gloves described as Medicare Nitrile examination gloves, powder free, colour blue Ref as MD0120 were tested in accordance with EN ISO 21171:2006 method B and were found to contain 0.8 mg residual powder per glove and therefore can be classified as powder free gloves

RESULTS:

EN ISO 21171:2006 – Medical gloves – Determination of removable surface powder

Sample	Method	Mass of powder per glove (mg)
Medicare Nitrile examination gloves, powder free, colour blue Ref as MD0120	B	0.8
Requirement (clause 4.4)		≤ 2.0 mg for a ‘powder-free’ glove

Method B – The result is based on one replicate of 5 gloves for each glove type.

Signed:

TERMS AND CONDITIONS FOR THE SALE OF GOODS AND/OR THE PROVISION OF SERVICES

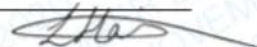
- GENERAL**
 - Work done, Service undertaken or the sale of Goods are subject to the terms and conditions detailed below and subject to clause 5.2 of other conditions, warranties and representations, expressed or implied by SATRA and/or charge, as mutually agreed.
 - SATRA Technology Centre Limited, its subsidiaries and associated companies (hereafter referred to as "SATRA") may perform Services or supply Goods to persons or entities public, private or government including institutions (hereafter termed the "Client"). Such also includes individually as a Party, or jointly as Parties.
 - These terms and conditions will apply to the Contract between SATRA and the Client to the exclusion of any other terms which the Client may wish to impose or which may be implied by trade custom, practice or course of dealing.
 - Unless otherwise agreed in writing no party other than the Client is entitled to provide instructions or information relating to the Goods or Service ordered or to the delivery of goods, results, reports or certificates.
 - All references in these terms and conditions to:
 - the "Contract" is the contract between SATRA and the Client for the supply of Goods or Service which is made subject to these terms and conditions; and
 - "Service" are the work or services to be supplied or performed under the Contract (including where relevant the supply of software components and consumables); and
 - "Goods" are the equipment, consumables or other physical items, sold under the Contract (including documents, drawings or other information required in order to operate the equipment).
 - All drawings, descriptions, specifications and advertising material (including brochures and catalogues) approved or published with the subject purpose of giving information of the goods or services being ordered and shall form part of the Contract.
 - Where SATRA and the Client agree the sale of Goods shall be governed by Incoterms 2010 or any subsequent revision thereupon the sale shall be governed by the relevant Incoterms made of transport which is generally SATRA's and the Client.
- FEE'S AND PAYMENT**
 - Where SATRA has agreed to perform the Service or supply the Goods on the basis of credit their payment terms are net 21 days from date of invoice, unless otherwise specified and no payment prior to delivery of the Service or Goods. In the event of the Client failing to make payment as agreed SATRA will be entitled to withhold delivery of the Goods or Service or cancel the Contract. SATRA reserves the right to charge interest on any overdue payments at a rate of 1% per month with a minimum daily basis from the date the invoice is due until the due payment is received.
 - Where the provision of Service or the sale of Goods is subject to a proforma invoice then SATRA and/or is obliged to start working on the provision of the Goods or Service until after payment in full has been received or cleared funds to SATRA.
 - SATRA reserves the right to charge for any and all expenses incurred as a result of performing the Service requested by the Client. Although SATRA will not provide an invoice if such charges are not charged as a result of circumstances out of SATRA's control.
 - Unless otherwise agreed in writing the price for the Goods or Service shall be the price set in the order acknowledgement. SATRA shall not be liable for any price quoted which is not in writing. Prices for the sale of Goods include postage, carriage and insurance but not charges or insurance which will be quoted separately and as agreed with the Client.
 - Quotations are valid from the date of issue for a period of 30 days unless otherwise specified or approved in writing.
 - Should the Client become insolvent, bankrupt, subject to an administration order, enter into liquidation or receivership, or make arrangements with creditors SATRA reserves the right to cancel the Contract and terminate the supply of the Goods or Services. Where the Contract with SATRA is terminated, SATRA shall be under no obligation to the Client to SATRA shall be immediately possible, and any materials supplied by SATRA to the Client returned. Termination of the Contract shall be without prejudice to any of SATRA's actual rights.
 - All invoices issued by SATRA are payable in full. The Client is responsible for payment of withholding and any other taxes and all import duties. Payments made to SATRA shall not be indicative of such amounts.
 - The Client shall not be entitled to withhold or delay payment due to SATRA as a result of any dispute or counter claim that it may allege against SATRA.
 - SATRA reserves the right to bring action against the Client in order to collect unpaid fees, including court action, if fees associated with such actions shall be paid for by the Client including legal fees and court costs.
 - Where an unforeseen event occurs or arises of provision of the Goods or carrying out the Service SATRA shall inform the Client immediately but reserves the right to charge additional costs to cover said costs and expenses.
- INTELLECTUAL PROPERTY RIGHTS**
 - All intellectual property rights belonging to a Party prior to entry into the Contract shall remain with that Party. Nothing in the Contract shall allow transfer of any intellectual property rights from one Party to the other.
 - In the event of certification against the use of certification marks by the Client may be subject to national and international laws and regulations. The responsibility for the use of these certification marks lies solely with the Client.
 - All intellectual property rights in reports, drawings, graphs, charts, photographs or any other material (or material resulting produced by SATRA) produced by the Contract shall belong to SATRA. The Client shall have the right to use said material in accordance with the terms of this Contract.
 - The Client agrees and acknowledges that SATRA retains any and all property rights in copyright, ideas and inventions that may arise during the preparation or provision of any report (including any deliverables produced by SATRA to the Client) and the provision of the Service to the Client.
 - All intellectual property rights in any software applied to the Client shall belong to SATRA or SATRA's licensors. Where applicable, SATRA shall be the licensor of the Client. SATRA shall be the licensor of the Client if a member of SATRA and has paid its annual Software fee to the Client and shall be entitled to use the software for its commercial use and will be entitled to develop minor software upgrades and fixes. SATRA may however terminate the supply of software upgrades and fixes for other versions of software which no longer consider viable to support. The Client's rights to use the software and/or make software upgrades and fixes will terminate if the Client has not paid its annual Software fee. Major upgrades and/or replacement of the software to upgrade but may be affected by SATRA's new licence for an additional fee.
 - SATRA shall exercise all statutory provisions with regard to data protection including but not limited to the provisions of the Data Protection Act 2018 and the EU General Data Protection Regulation (GDPR) Regulation (EU) 2016/679. To the extent that SATRA processes or gets access to personal data in connection with the Service or otherwise in compliance with this Contract, it shall take all appropriate technical and organisational measures to ensure the security of such data (subject to applicable law) and to protect against unauthorized access, destruction or damage to such data.
- SUSPENSION OR TERMINATION OF SERVICES**
 - Cancellation by the Client of orders for Goods or Service will only be acceptable by prior agreement with SATRA and/or charge, as mutually agreed.
 - SATRA shall not be liable for any delay or failure in providing the Goods or Service due to circumstances beyond its reasonable control (including but not limited to the Client or its subcontractors). If any such circumstances arise which prevent SATRA from delivering the Goods or completing the Service, then SATRA will be entitled to cancel or suspend the delivery of Goods or Service at its discretion. In the event of circumstances beyond SATRA's control which prevent the Client for Goods or Service already supplied but will not return to the Client any fees paid by the Client for Goods or Service which have not yet been applied. The Client will not be liable for any non-reusable expenses already incurred by SATRA in relation to Goods or Service not yet supplied unless the circumstances are agreed with the Client before commencing work in obligations under the Contract.
- LIABILITY AND INDEMNIFICATION**
 - Reports are based on the basis of information, documents and samples submitted to SATRA by the Client or on behalf of the Client and are given exclusively for the benefit of the Client which is responsible for verifying it. SATRA will be liable on the basis of such reports and findings. Subject to clause 5.2, neither SATRA nor any of its employees, agents or subcontractors shall be liable to the Client or any third party for any actions taken or omissions on the basis of such findings and reports, nor for any errors or results arising as a result of such actions, omissions, incomplete recording or false information provided to SATRA.
 - Notwithstanding these terms and conditions shall limit or exclude SATRA's liability for:
 - death or personal injury caused by negligence or the negligence of its employee or agent;
 - fraud or fraudulent misrepresentation;
 - breach of the terms of regulation Section 12 of the Sale of Goods Act 1979;
 - defective products under the Consumer Protection Act 1987; or
 - any other liability which cannot be limited or excluded by applicable law.
 - Subject to clause 5.2 SATRA shall not be liable to the Client whether incurred, but including negligence, breach of statutory duty or otherwise arising under or in connection with the Contract for loss of profits, sales, contracts, anticipated savings, loss or damage to goodwill or any indirect or consequential loss.
 - Subject to clause 5.2 SATRA's total aggregate liability to the Client, whether incurred, but including negligence, breach of statutory duty or otherwise arising under or in connection with the Contract shall be limited to the total amount of fee for the Service or the price of the Goods, including any value added tax or other similar tax or expenses payable by the Client to SATRA under the Contract or 100,000 whichever is the lower figure.
- MISCELLANEOUS**
 - If any one or more provisions of these conditions are found to be illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.
 - During the course of providing the Goods or Service and/or approval of one year thereafter the Client shall not directly or indirectly provide, encourage or make any offer to SATRA's employees to leave their employment with SATRA.
 - The use of SATRA's corporate name or registered marks for advertising purposes is not permitted without SATRA's prior written authorisation.
 - All reports and documents which are suggested by the Client under the Contract remain the property of SATRA and cannot be used, copied or disseminated without SATRA's prior written authorisation. SATRA's retention of files in accordance with the above.
 - The Client acknowledges that involving SATRA in a contract has not released any representation, warranty or other contract or other assurance (except those set out or referred to in these terms and conditions) made by or on behalf of SATRA or any other party, including any rights under the Contract. The Client waives all rights and remedies that, but for this clause, might otherwise be available to it in respect of any such representation, warranty, condition contract or other assurance.
 - All provisions of the Contract that limit or exclude the liability of SATRA are intended to be for the benefit of SATRA's holding company, parent SATRA, and being a company limited by guarantee and incorporated in England and Wales with company number 09104010, and shall accordingly be enforceable by such holding company as well as or instead of SATRA, and in the event that any third party is a subsidiary of SATRA shall apply to it and to such holding company in the aggregate.
- CONFIDENTIALITY**
 - Unless specifically included in the terms of an individual contract between SATRA and the Client, the following shall apply to all deliverables including reports, which drawings, photographs, specifications, data or other forms of data.
 - Deliverable information in clause 7.1 above shall be deemed to be third parties or used in litigation without the consent of SATRA.
 - Where SATRA has given consent to disclosure of any service deliverable referred to in clause 7.1, the Client shall ensure that the terms of the third party to whom the deliverable is disclosed, SATRA's confidentiality, reporting and relating. The Client shall indemnify SATRA for any failure to do so.
 - The service deliverable referred to in clause 7.1 are submitted to the Client as confidential documents. Confidentiality shall continue to apply after completion of the business, but shall cease to apply if the nature of knowledge which has come into the public domain through no fault of the Client by the Client.
 - The Client shall not disseminate, release, publish or carry out any form of analysis on goods or materials sold to SATRA for the purposes of reverse engineering or obtaining information on their construction, content or composition of the item without the consent of SATRA.
- ASSIGNMENT**
 - No assignment or sub-assignment of the Contract shall be effective unless it is in writing, expressly stated to assign the Contract and signed by an authorised signatory of both Parties.
- DISPUTE RESOLUTION**
 - If there should be a dispute between the parties to this Agreement they undertake to act with goodwill and to use reasonable endeavours to resolve their dispute.
 - Failure to resolve any dispute by discussion between the parties shall, in the first instance, be referred to a mediator for resolution. The parties shall share the costs of the mediation equally, upon receipt by either Party, of a written notice to discuss in such appointment. Should the parties fail to agree within 21 days, either party upon giving written notice, may apply to the President of the Vice President for the resolution of the Contract under the Arbitration Act 1996, by the appointment of an arbitrator.
 - Should the mediation fail, in whole or in part either party may, upon giving written notice, and after thirty days have passed, apply to the President of the Vice President for the resolution of the Contract under the Arbitration Act 1996 for the appointment of an arbitrator. The arbitrator shall have no jurisdiction to award costs, proceedings, unless both parties have consented in writing. The arbitration shall be governed by both the Arbitration Act 1996 and the Commercial Code Rules of the Chartered Institute of Arbitrators (CIArb), or any amendments thereto, which Rules are deemed to be incorporated herein by reference. The seat of the arbitration shall be England and Wales.

Signed:

TERMS AND CONDITIONS FOR THE SALE OF GOODS AND/OR THE PROVISION OF SERVICES

- 8.4 The law of England shall govern the interpretation of the Contract Subject to clauses 9.1, 9.2 and 9.3 any dispute arising out of or in connection with the Contract shall be subject to the exclusive jurisdiction of the courts of England. However, the Party obtaining judgment in such courts shall be entitled to enforce it in any court it chooses.
- 10. PROVISION OF SERVICES**
- 10.1 SATRA shall provide Services using reasonable care and skill and in accordance with the Client's specific instructions and as confirmed by SATRA as part of the Contract review process.
- 10.2 Estimates for completion of the Services are made in good faith and data from receipt of a written order, payment of a proforma invoice or required full information and samples to enable SATRA to proceed. While SATRA will make every effort to fulfil them, such estimates are made in good faith and SATRA cannot guarantee to any date. There will not be any liability in relation to the performance of the Services.
- 10.3 Results given in test reports or certificates refer only to samples submitted for analysis to SATRA. A satisfactory test report in no way implies that the product is fully approved by SATRA and no warranty is given as to the performance of the product tested.
- 10.4 SATRA may delegate all or part of the Services to a subcontractor and the Client authorises SATRA to disclose all information required to undertake the Services.
- 10.5 Where the Client requests SATRA to advise leading of other services being undertaken by a third party the Client agrees that SATRA's sole responsibility is to be present at the time of the work and to forward the results or orders that the service has been undertaken. The Client agrees that unless otherwise agreed SATRA is not responsible for the condition or calibration of any equipment unless provided by SATRA.
- 10.6 Unless otherwise agreed in advance, test samples will be retained for 6 weeks from the date of the first report after which time they will be disposed of any SATRA shall cease to have any responsibility for such samples. Where the nature of the samples or the Services undertaken results in specified disposal then SATRA reserves the right to pass the cost of such disposal onto the Client. Storage for longer periods may be possible only if agreed in advance and may incur a storage charge payable by the Client. Where practical and agreed in advance, samples may be returned at the Client's expense. However, samples sent in non-sterile packaging or in bulk quantities are not for the work undertaken and SATRA cannot guarantee that samples will be returned in a "near" condition.
- 10.7 Where SATRA receives documents reflecting engagements between the Client and third parties or documents belonging to third parties, such documents shall be considered as being for information only and shall not release the Client from any or all obligations to SATRA.
- 10.8 SATRA reserves the right to make charges to the Services, provided that such charges do not materially affect the nature or quality of the provision of those Services or where they are necessary in order to ensure that any applicable law or safety requirements are complied with.
- 10.9 The Client acknowledges that SATRA is providing the Services, neither takes the place of the Client or any third party or releases them from any of their obligations.
- 11. CLIENT RESPONSIBILITIES RELATING TO THE PROVISION OF SERVICES**
- 11.1 The Client shall provide sufficient samples, information, instructions and documents as required to enable SATRA to carry out the Services in accordance with the methods, standards or other specifications as agreed.
- 11.2 Where applicable the Client shall allow access by members of SATRA staff to such premises where the Services are to be performed and provide any special equipment and personnel.
- 11.3 The Client shall inform SATRA in advance of any known hazards, dangers or other safety matters relating to samples submitted to SATRA or on-site visits made by SATRA.
- 11.4 Where the Client fails to comply with any of its responsibilities SATRA reserves the right to suspend any Services until such time as the Client has complied and may require the Client to reimburse SATRA the amount of any additional costs arising from the suspension.
- 12. DELIVERY AND NON-DELIVERY OF GOODS**
- 12.1 Delivery dates for the supply of the Goods are approximate only and not guaranteed. Time of delivery is not of the essence of the Contract and SATRA shall not be liable for any delay in delivery of Goods.
- 12.2 Should delayed delivery be requested and agreed, SATRA shall be entitled to make additional charges to cover overtime or any other additional costs.
- 12.3 Delivery of the Goods shall take place at such location as SATRA and the Client agree. If the Client agrees to collect the Goods from SATRA's premises, then delivery will take place at those premises in which case the acceptance of Goods as recorded by SATRA upon dispatch shall be evidence of the Goods received by the Client unless the Client can provide conclusive evidence to the contrary.
- 12.4 SATRA shall not be liable for the non-delivery of Goods (even if caused by SATRA) unless the Client provides written notice of non-delivery in accordance with clause 13.2. Liability for non-delivery of Goods shall in any event be limited to replacing the Goods within an reasonable time frame or the issue of a credit note to the value of the Goods not delivered.
- 12.5 Should delivery of the Goods be suspended or delayed by the Client for any reason SATRA reserves the right to charge for storage and for all expenses incurred, including interest or usage of resources that cannot otherwise be used. If the delay extends beyond 30 days SATRA shall be entitled to make payment for any Goods that are ready for delivery, and any other additional costs.
- 12.6 If for any reason the Client fails to accept delivery of any of the Goods when they are ready for delivery, or SATRA is unable to deliver the Goods unless because the Client has not provided appropriate instructions, documents, licences or authorisations then risk in the Goods shall pass to the Client, the Goods and/or Services shall be deemed to have been delivered, and SATRA may store the Goods until delivery, whereupon the Client shall be liable for all related costs and expenses (including without limitation, storage and insurance).
- 13. RISK/TITLE OF GOODS**
- 13.1 Subject to clause 12.6 the risk in the Goods will transfer to the Client on delivery of the Goods unless SATRA notifies the Client in writing regarding the use of the Goods will be governed by insurance (other than the Client's own insurance) in which case risk will transfer to the Client in accordance with the insurance made of transport which is agreed by SATRA and the Client.
- 13.2 The Company shall not accept responsibility for loss or damage in transit unless
- 13.3 In the case of sales where delivery of Goods is made in the United Kingdom SATRA is notified by the Client within 10 days of the invoice date of non-arrival of Goods and within 3 days of the invoice date of receipt of Goods damaged in transit, or
- 13.4 In all other cases the Client notifies SATRA on the relevant date of damage in transit within a reasonable period of time as determined by SATRA.
- 13.5 Title to the Goods shall not pass to the Client until the earlier of when -
- 13.6 SATRA receives payment in full (in cash or cleared funds) for the Goods, and any other Goods that SATRA has supplied to the Client in which case title to the Goods shall pass at the time of payment of all such sums; and
- 13.7 the Client receives the Goods in accordance with clause 13.5 in which case title shall pass to the Client immediately before the time at which the Goods are made by the Client orders.
- 13.4 Until ownership of Goods has passed to the Client, the Client shall
- 13.5 hold the Goods as SATRA's bailee;
- 13.6 store the Goods (or not as to SATRA) separately from all other goods belonging to the Client or any third party and ensure that they are clearly and readily identifiable as SATRA's property (including where the Goods have been added to a third party);
- 13.7 not destroy, alter or obscure any identifying mark or packaging or other relating to the Goods and maintain the Goods in satisfactory condition and keep them insured on SATRA's behalf for their full price against all risks to the reasonable satisfaction of SATRA. The Client shall obtain an endorsement of SATRA's interest in the goods under its insurance policy. On request the Client shall allow SATRA to inspect such Goods and shall produce the policy of insurance.
- 13.5 The Client may recall the Goods before ownership has passed to it solely in condition that sale shall be effected in the ordinary course of the Client's business at full market value.
- 13.6 If before title to the Goods passes to the Client, the Client becomes subject to any of the events referred to in clause 2.6 then without limiting any other right or remedy SATRA may have
- 13.7 the Client's right to recall the Goods or use them in the ordinary course of its business ceases immediately and
- 13.8 SATRA may at any time require the Client to deliver up all Goods in its possession that have not been used or irrevocably incorporated into another product, and
- 13.9 if the Client fails to do so promptly SATRA may exercise its rights under clause 13.7.
- 13.7 The Client grants SATRA, its agents and employees an irrevocable licence at any time to enter any premises where the Goods are or may be stored in order to inspect them, or where the Client's right to possession has terminated, to recover them.
- 13.8 On termination of the Contract, however caused SATRA's (but not the Client's) rights contained in this clause 13 shall remain in effect.
- 14. PATENTS**
- 14.1 SATRA gives no indemnity against any claim of infringement of Letters Patent, Registered Design, Trade Mark or Copyright by the use of or sale of any article or material supplied to the Client. If it is not possible without infringement of Letters Patent, Registered Design, Trade Mark or Copyright published before the date of the contract, SATRA will refund to the Client the purchase price of the said article or material provided that it is returned to SATRA free of charge. The Client warrants that any design or invention patented or given by the Client shall not be such as will cause SATRA to infringe any Letters Patent, Registered Design, Trade Mark or Copyright in the execution of the Client's order.
- 15. WARRANTY OF GOODS**
- 15.1 SATRA warrants that on delivery and for a period of 12 months from the date of delivery or within the shelf life of the Goods (whichever is the shorter period) the Goods shall be free from defects in design, material and workmanship.
- 16. DEFECTIVE GOODS**
- 16.1 Subject to clauses 16.6 and 16.7:
- 16.2 the Client gives notice in writing to SATRA in accordance with clause 16.3 and during the period referred to in clause 15.1 that the Goods do not comply with the warranty in that clause; and
- 16.3 SATRA is given a reasonable opportunity of examining such Goods; and
- 16.4 the Client if satisfied to do so by SATRA, returns such Goods to SATRA in place of business then SATRA will, at its option repair or replace the defective Goods or refund the price of the defective Goods in full. SATRA reserves the right to repair the Goods at the Client's premises.
- 16.2 The Client must inspect Goods upon delivery. Failure to do so may result in further charges being applied in the event of a claim.
- 16.3 If Goods are found to be faulty, defective or damaged the Client must inform SATRA in writing as soon as reasonably practicable and in any event within 10 working days of the fault, damage or defect being discovered.
- 16.4 Without prejudice to clause 16.1 if a notice of rejection has been received by SATRA within 3 months of delivery, the Client shall be deemed to have accepted the Goods.
- 16.5 SATRA will pay the reasonable costs of carriage, packaging and insurance for any defective Goods which are returned by the Client provided that SATRA is liable under clause 16.1 to repair or replace the defective Goods. If SATRA determines that the Goods are not defective or if SATRA is not liable to repair or replace the Goods due to the occurrence under clause 16.6 or 16.7 then the Client will be responsible for the payment of such costs.
- 16.6 SATRA shall not be under any liability to repair or at its option replace or pay for the repair or replacement of any Goods which are found to be defective if
- 16.7 the defect is caused or substantially caused by wear and tear, overloading, misuse, neglect, modification or amended modification carried out by any organisation other than by SATRA or their approved agents, or use without any equipment not approved in writing by SATRA, or default in proper maintenance or cleaning; or
- 16.8 the Client has altered or carried out any repair or replacement of any Goods without first offering SATRA a reasonable opportunity to repair or replace them; or
- 16.9 the Client has breached any of the terms of the Contract under which the Goods were supplied; or
- 16.10 the Goods have been manufactured to a design or specification or in compliance with other information provided by the Client and the defectives arise as a result of that design, specification or information.
- 16.7 Where Goods or parts of Goods are not manufactured by SATRA then SATRA shall be liable for defects only to the extent that SATRA obtains redress from the manufacturer or supplier thereof provided that
- 16.8 SATRA shall not be obliged to take any step to attempt to obtain such redress except at the request and expense of the Client and upon provision by the Client of a full indemnity as to costs for which SATRA may thereby become liable.
- 16.9 Where clause 16.7 shall have effect as to the extent upon SATRA any additional liability or obligations other than those referred to in clause 16.1.
- 16.8 Except as provided in clause 16.1 SATRA shall have no liability to the Client arising from any failure of the Goods to comply with the warranty in clause 15.1.

Terms and conditions – September 2019



Customer details: SATRA Technology Services (Dongguan) Ltd SATRA reference: CHM0302486/2038/JS
Unit 110, Xinzhongyin Garden /A
Hongwei Road Your reference: CHT0301899
Xiping, Nancheng District
DONGGUAN CITY Date of report: 14th October 2020
Guangdong Province Samples received: 14th September 2020
China Date(s) work
523079 carried out: 6th to 8th October 2020

TECHNICAL REPORT

SATRA Technology Services (Dongguan) Ltd:

Customer: Dongguan Grinvald Technology Co., Ltd.
401 Building A 4th Floor,
Dongguan
Guangdong
China
523000

Subject: EN 16523-1:2015+A1:2018 resistance to permeation by chemicals on gloves described as Medcare examination gloves, powder free, color blue. Reference No. MD0120

Conditions of issue:

This report may be forwarded to other parties provided that it is not changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

Tests marked # fall outside the UKAS Accreditation Schedule for SATRA. All interpretations of results of such tests and the comments based upon them are outside the scope of UKAS accreditation and are based on current SATRA knowledge.

A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report.

The uncertainty of the results (UoM) in this report is based on a standard uncertainty multiplied by a coverage factor k=2, which provides a coverage probability of approximately 95%.

Report signed by: Jennifer Shearer
Position: Technologist
Department: Chemical & Analytical Technology

(Page 1 of 6)

WORK REQUESTED:

Samples of gloves described as Medicare examination gloves, powder free, color blue. Reference No. MD0120 were received on the 14th September 2020 for testing in accordance with EN 16523-1:2015+A1:2018 and assessment in accordance with the requirements of EN ISO 374-1:2016+A1:2018.

SAMPLES SUBMITTED:



Samples of gloves described as Medicare examination gloves, powder free, color blue. Reference No. MD0120

CONCLUSION:

When assessed in accordance with the requirements of EN ISO 374-1:2016+A1:2018 the samples of gloves described as Medicare examination gloves, powder free, color blue. Reference No. MD0120 achieved the following performance levels:

Chemical	Performance level
40% Sodium hydroxide (CAS: 1310-73-2)	6

Full results are reported in the following tables.

TESTING REQUIRED:

- EN 16523-1:2015+A1:2018 - Determination of material resistance to permeation by chemicals - Part 1: Permeation by liquid chemical under conditions of continuous contact

RESULTS AND REQUIREMENTS:

EN ISO 374-1:2016+A1:2018 - Protective gloves against dangerous chemicals and micro-organisms - Part 1: Terminology and performance requirements for chemical risks. Table 1: Permeation performance levels.

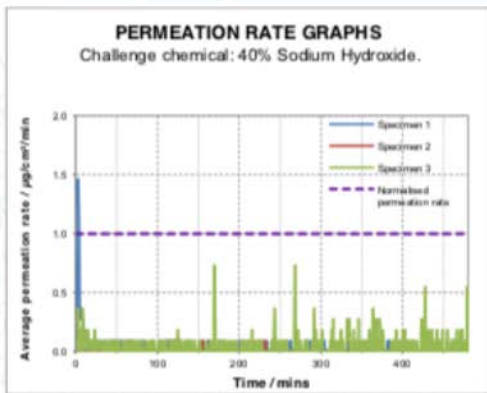
Permeation performance level	Measured breakthrough time (minutes)
1	>10
2	>30
3	>60
4	>120
5	>240
6	>480

Performance levels are based on the lowest individual result achieved per chemical.



0248

Test/Property	Sample reference:	Medcare examination gloves, powder free, color blue. Reference No. MD0120	Performance	
EN 16523-1:2015 +A1:2018 in accordance with SATRA SOP CAT-009	Test information:	Chemical: 40% Sodium hydroxide	Level 6	
		Normalised permeation rate (NPR): 1 µg/cm ² /min		
		Detection technique: Conductimetry (continuous measurement)		
		Collection medium: Deionised water (closed loop)		
		Collection medium stirring rate: 45 – 65 ml/min (each cell constant to within ± 10%)		
Using PTFE permeation cells with standardised dimensions	Specimen	Thickness (mm) □	Breakthrough time (mins)	
		1	0.09	>480
		2	0.09	>480
		3	0.08	>480
		Test result:	>480	
Visual appearance of specimens after testing:	UoM:	Swollen and discoloured		



The reading from specimen 1 after 3 minutes was considered to be an outlier and not a breakthrough.

EN 16523-1:2015+A1:2018 does not require the test specimen thickness to be reported, this information is indicative only.

SATRA Technology Services (Dongguan) Ltd
SATRA Reference: CHM0302486/2038/JS/A
Date: 14th October 2020

Signed:

(Page 4 of 6)



0248

- GENERAL**
 - 1.1 With due care, SATRA undertakes on the site of Goods on subject to the terms and conditions detailed below (subject to clause 5.2) at other conditions, warranties and Agreements, expressed or implied by other regulations, as far as they are excluded.
 - 1.2 SATRA Technology (Gates Limited, its subsidiaries and associated companies (hereinafter referred to as "SATRA")) may perform Services for or supply Goods to persons or entities (public, private or governmental) using industrial or Consumer Goods. Each person or entity is referred to as a Party, or jointly as Parties.
 - 1.3 These terms and conditions will apply to the Contract between SATRA and the Client to the extent of any other terms which the Client may seek to impose or which may be implied by trade, custom, practice or course of dealing.
 - 1.4 Unless otherwise agreed in writing no party after them the Client is entitled to provide instructions or information relating to the Goods or Services separate or to the delivery of goods, materials, agents or subcontractors.
 - 1.5 All references to Instructions and conditions to:
 - 1.6 All references to Instructions and conditions to:
 - 1.7 Where SATRA and the Client agree that the sale of Goods shall be governed by Incoterms 2010 or any subsequent version thereof then the sale shall be governed by the relevant Incoterms rule of Incoterms which is agreed by SATRA and the Client.
- FEES AND PAYMENT**
 - 2.1 Where SATRA has agreed to perform the Services or supply the Goods on the basis of credit then payment terms are set out below from date of invoice, unless otherwise specified and any payment due is due prior to delivery of the Goods or Services (in the event of the Client failing to make payment as agreed SATRA will be entitled to withhold delivery of the Goods or Services or cancel the Contract). SATRA reserves the right to charge interest on any overdue payments at a rate of 1.5% per month (compounded daily) from the date the invoice is due until the debt is paid in full.
 - 2.2 Where the provision of Services or the sale of Goods is subject to a payment invoice then SATRA shall not be obliged to start working on the provision of the Goods or Services until after payment in full has been made as detailed below to SATRA.
 - 2.3 SATRA reserves the right to charge for any, and all expenses incurred as a result of performing the Services requested by the Client. Although SATRA will try, and provide an estimate of such expenses these may change as a result of circumstances out of SATRA's control.
 - 2.4 Unless otherwise agreed in writing, the price for the Goods or Services shall be the price set in the order acknowledgement. SATRA shall not be bound by any price quoted which is not binding. Prices for the sale of Goods include packing cases and materials but not carriage or installation which will be quoted separately and as agreed with the Client.
 - 2.5 Conditions set out below from the date of issue for a period of 30 days unless otherwise specified or agreed in writing.
 - 2.6 Should the Client become insolvent, bankrupt, subject to an administration order, enter into liquidation or reorganisation, or in the event of any arrangement with creditors SATRA reserves the right to cancel the Contract and terminate the supply of the Goods or Services. Where the Contract with SATRA is terminated all outstanding amounts due from the Client to SATRA shall be immediately payable, and any materials supplied by SATRA to the Client returned. Termination of the Contract shall be without prejudice to any of SATRA's other rights.
 - 2.7 All invoices issued by SATRA are payable in full. The Client is responsible for payment of withholding and any other taxes and all port duties. Payments made to SATRA shall not be reduced by such amounts.
 - 2.8 The Client shall not be entitled to withhold or delay payment due to SATRA as a result of any dispute or counter claim that it may have against SATRA.
 - 2.9 SATRA reserves the right to bring action against the Client in order to collect unpaid fees, including court action. All fees associated with such action shall be paid for by the Client including legal fees and court costs.
 - 2.10 Where reference is made to the provision of the Goods or carrying out the Services SATRA shall retain the Client's responsibility but reserve the right to charge additional costs to cover such costs and expenses.
- INTELLECTUAL PROPERTY RIGHTS**
 - 3.1 All intellectual property rights belonging to a Party prior to entry into the Contract shall remain with that Party. Nothing in this Contract shall alter transfer of any intellectual property rights from one Party to the other.
 - 3.2 In the event of confusion over the use of information which the Client may be asked to release and intellectual property rights. The responsibility for the use of this information rests solely with the Client.
 - 3.3 All intellectual property rights in reports, drawings, graphs, photos, photographs or any other material (in whatever medium) produced by SATRA pursuant to this Contract shall belong to SATRA. The Client shall have the right to use such material in accordance with the terms of the Contract.
 - 3.4 The Client agrees and acknowledges that SATRA retains any and all property rights in, copyright, ideas and inventions that may arise during the preparation or provision of any report (including any data generated) provided by SATRA to the Client and the provision of the Services to the Client.
 - 3.5 All intellectual property rights in any software supplied to the Client shall belong to SATRA or SATRA's licensors. With respect to the sale of SATRA Technology, SATRA (Gates) and SATRA or its licensors, provided that the Client is a member of SATRA and has paid its annual membership fee from the Client will be entitled to use the software for its own internal use and will not be entitled to transfer, rental or otherwise appropriate and laws. SATRA may however terminate the supply of software appropriate and laws for other contracts of software which no longer accords with its support. The Client's right to use the software and related materials appropriate and laws will terminate if the Client has not paid its annual licence fee. Major upgrades are not included when the software is upgraded but may be offered by SATRA from time to time for an additional fee.
 - 3.6 SATRA shall reserve all statutory provisions with regard to data protection including but not limited to the provisions of the Data Protection Act 2018 and the EU General Data Protection Regulation (GDPR) Regulation (EU) 2016/679. To the extent that SATRA processes or gains access to personal data in connection with the Services or otherwise in connection with this Contract, it shall take all reasonable technical and organisational measures to ensure the security of such data or information and prevent unauthorised or unlawful processing, accidental loss, destruction or damage to such data.
- SUBSIDIARIES OR TERMINATION OF SERVICES**
 - 4.1 Cancellation by the Client of orders for Goods or Services will only be acceptable by prior agreement with SATRA and charges will usually be made.
 - 4.2 SATRA shall not be liable for any delay or failure in providing the Goods or Services due to circumstances beyond its reasonable control (including any failure by the Client to comply with its obligations). If any such circumstances arise which prevent SATRA from delivering the Goods or completing the Services, then SATRA will be entitled to suspend or withhold or cancel the Goods or Services or, at its discretion, in the event of cancellation SATRA will be entitled to retain all fees paid by the Client for Goods or Services already supplied and which have not been used by the Client for Goods or Services which have not yet been supplied. The Client will not be liable for any non-recoverable expenses already incurred by SATRA in relation to Goods or Services not yet supplied unless the cancellation is due to the Client's failure to comply with its obligations under the Contract.
- LIABILITY AND INDEMNIFICATION**
 - 5.1 Reports are issued on the basis of information documents and/or samples submitted to SATRA by the Client, or on behalf of the Client and are provided solely for the benefit of the Client and is responsible for acting on it and for the consequences of such reports and findings. Subject to clause 5.2 neither SATRA nor any of its employees, agents or subcontractors shall be liable to the Client or any third party for any selection, omission or inclusion, or the loss or non-fulfilment of any report, nor for any incorrect conclusion, arising as a result of unclear, erroneous, incomplete, misleading or false information provided to SATRA.
 - 5.2 Nothing in these terms and conditions shall limit or exclude SATRA's liability for:
 - 5.2.1 death or personal injury caused by its negligence or the negligence of its employees or agents;
 - 5.2.2 fraud or fraudulent misrepresentation;
 - 5.2.3 breach of the terms of the Contract under Section 12 of the Sale of Goods Act 1979;
 - 5.2.4 defective products under the Consumer Protection Act 1987; or
 - 5.2.5 any other liability which cannot be limited or excluded by applicable law.
 - 5.3 Subject to clause 5.2 SATRA shall not be liable to the Client whether in contract, tort (including negligence), breach of statutory duty or otherwise arising under or in connection with the Contract for loss of profits, sales, contracts, anticipated savings, loss or damage to goodwill or any indirect or consequential loss.
 - 5.4 Subject to clause 5.2 SATRA's total aggregate liability to the Client, whether in contract, tort (including negligence), breach of statutory duty or otherwise arising under or in connection with the Contract shall be limited to the amount of any net sum (exclusive of VAT) payable by the Client to SATRA under the Contract or £100,000 whichever is the lesser figure.
- MISCELLANEOUS**
 - 6.1 If any one or more provisions of these conditions are found to be illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.
 - 6.2 During the course of providing the Goods or Services and for a period of one year thereafter the Client shall not directly or indirectly solicit, encourage or take any other action to SATRA's employees to leave their employment with SATRA.
 - 6.3 The use of SATRA's corporate name or registered name for advertising purposes is not permitted without SATRA's prior written consent.
 - 6.4 All reports and documentation which are supplied to the Client under the Contract remain the property of SATRA until paid in full. Under no circumstances will the Client or any third party be entitled to a retention of title in accordance with the above.
 - 6.5 The Client acknowledges that in entering into this Contract it has not relied on any representation, warranty, collateral contract or other assurance given, made or not or referred to in these terms and conditions made by or on behalf of SATRA or any other party before entering into the Contract. The Client waives all rights and remedies that, but for this clause, might otherwise be available to it in respect of any such representation, warranty, collateral contract or other assurance.
 - 6.6 All provisions of the Contract that limit or exclude the liability of SATRA are intended also to be for the benefit of SATRA's holding company (Gates SATRA), and using a company limited by guarantee and incorporated in England and Wales with company number 00104777 and shall accordingly be enforceable by such holding company as well as an assignee of SATRA, and in the event that any one of the liability of SATRA shall apply but not to such holding company in the aggregate.
- CONFIDENTIALITY**
 - 7.1 Unless specifically included in the terms of an individual contract between SATRA and the Client, the following shall apply to all relationships including agents, sub-agents, design, photographic, specifications, data or other forms of media.
 - 7.1.1 Deliberate disclosure in clause 7.1 shall not be deemed to be deliberate or used in litigation without the consent of SATRA.
 - 7.1.2 Where SATRA has given consent to disclosure of any sensitive information in clause 7.1, the Client shall also have the obligation of the duty to those same of business and the best of SATRA's confidential being reported, stored and archiving. The Client shall indemnify SATRA for any failure to do so.
 - 7.1.3 The sensitive information referred to in clause 7.1 is understood to be confidential documents, Confidentiality shall continue to apply after completion of the business, but shall cease to apply to information or knowledge which has come into the public domain through no fault of the Client.
 - 7.1.4 The Client shall not disseminate, remove, parts or carry out any form of analysis on confidential or data disclosed by SATRA for the purposes of reverse engineering or obtaining information on the construction, content or composition of the very nature without the consent of SATRA.
- AMENDMENT**
 - 8.1 No amendments to this Contract shall be effective unless it is in writing, expressly stated to amend this Contract and agreed by an authorised signatory of both Parties.
- DISPUTE RESOLUTION**
 - 9.1 If there should be a dispute between the parties to this Agreement they undertake to act with goodwill and to use all reasonable endeavours to resolve the dispute.
 - 9.2 Failure to resolve any dispute by discussion between the parties shall, in the first instance, be referred to a mediator for resolution. The parties shall attempt to agree upon the appointment of a mediator, upon receipt by either of them of a written notice in respect of such appointment. Should the parties be unable to agree within 14 days, either party, upon giving written notice, may apply to the President or the Vice President, for the time being, of the Chartered Institute of Arbitrators, for the appointment of a mediator.
 - 9.3 Should the mediator fail, in whole or in part, after giving notice, upon giving written notice, and either party might dispute the mediator's right to be President or the Vice President for the time being, of the Chartered Institute of Arbitrators, for the appointment of a single arbitrator, for final resolution. The arbitrator shall have no connection with the mediator or the mediator's previous work, neither party has any control in writing. The arbitrator shall be governed by the Arbitration Act 1996 and the Arbitration Rules of the

SATRA Technology Services (Dongguan) Ltd
SATRA Reference: CHM0302486/2038/JS/A
Date: 14th October 2020

Signed:

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Chartered Institute of Arbitrators (2000) (CIB) or any arbitrator named, which Rule as deemed to be incorporated herein into the clause. The seat of the arbitration shall be England and Wales.

9.4 The laws of England shall govern the interpretation of the Contract. Subject to clauses 9.1, 9.2 and 9.3 any dispute arising out of or in connection with the Contract shall be subject to the exclusive jurisdiction of the courts of England. However, the Party obtaining judgment in such courts shall be entitled to enforce in any court of law.

10. PROVISION OF SERVICES

10.1 SATRA shall provide Services using reasonable care and skill and in accordance with the Client's specific instructions and as confirmed by SATRA as part of the Contract review process.

10.2 Estimates for completion of the Services are made in good faith and data from receipt of a written order, payment of a proforma invoice if required, I&E information and samples to enable SATRA to proceed. While SATRA will make every effort to fulfil them, such estimates are subject to unforeseen events and if not achieved cannot give rise to any claim. This will not be the case in relation to the performance of the Services.

10.3 Results given in test reports or certificates refer only to samples submitted for analysis to SATRA. A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested.

10.4 SATRA may delegate all or part of the Services to a subcontractor and the Client authorises SATRA to disclose all information required to undertake the Services.

10.5 Where the Client requests SATRA to witness testing of other services being undertaken by a third party the Client agrees that SATRA will not be responsible for the results of the tests and/or for the results or confirms that the service has been undertaken. The Client agrees that unless otherwise agreed SATRA is not responsible for the condition or calibration of any equipment unless provided by SATRA.

10.6 Unless otherwise agreed in advance, test samples will be retained for 6 weeks from the date of the first report after which time they will be disposed of and SATRA shall have no responsibility for such samples.

When the return of the samples or the Services undertaken results in specialist disposal then SATRA reserves the right to pass the cost of such disposal onto the Client. Storage for longer periods may be possible only if agreed in advance and may incur a storage charge payable by the Client.

Where practical and agreed in advance, samples may be returned at the Client's expense. However, samples are in most instances partially or fully destroyed as part of the work undertaken and SATRA cannot guarantee that samples will be returned in 'as near' condition.

10.7 Where SATRA retains documents reflecting engagements between the Client and first parties or documents belonging to third parties, such documents shall be considered as being for information only and shall not release the Client from any of its obligations to SATRA.

10.8 SATRA reserves the right to make charges to the Services, provided that such charges do not materially affect the nature or quality of the provision of these Services or where they are necessary in order to ensure that any applicable laws or safety requirements are complied with.

10.9 The Client acknowledges that SATRA by providing the Services, neither takes the place of the Client or any third party or releases them from any of their obligations.

11. CLIENT RESPONSIBILITIES RELATING TO THE PROVISION OF SERVICES

11.1 The Client shall provide sufficient samples, information, instructions and documents as required to enable SATRA to carry out the Services in accordance with the methods, standards or other specifications as agreed.

11.2 Where applicable the Client shall allow access by members of SATRA staff to such premises where the Services are to be performed and provide any special equipment and personnel.

11.3 The Client shall inform SATRA in advance of any known hazards, changes or other safety matters relating to samples submitted to SATRA or on site visits made by SATRA.

11.4 Where the Client fails to comply with any of its responsibilities SATRA reserves the right to suspend any Services until such time as the Client has complied and may require the Client to reimburse SATRA the amount of any additional costs arising from the suspension.

12. DELIVERY AND NON-DELIVERY OF GOODS

12.1 Delivery dates for the supply of the Goods are approximate only and not guaranteed. Time of delivery is not of the essence of the Contract and SATRA shall not be liable for any delay in delivery of Goods.

12.2 Should expedited delivery be requested and agreed, SATRA shall be entitled to make additional charges to cover overtime or any other additional costs.

12.3 Delivery of the Goods shall take place at such location as SATRA and the Client agree. If the Client agrees to collect the Goods from SATRA's premises, then delivery will take place at those premises in which case the transport of Goods as required by SATRA upon dispatch shall be evidence of the Goods received by the Client unless the Client can provide conclusive evidence to the contrary.

12.4 SATRA shall not be liable for the non-delivery of Goods (even if caused by SATRA) unless the Client provides written notice of non-delivery in accordance with clause 13.2. Liability for non-delivery of Goods shall in any event be limited to replacing the Goods within a reasonable time frame or the issue of a credit note for the value of the Goods not delivered.

12.5 Should delivery of the Goods be suspended or delayed by the Client for any reason SATRA reserves the right to charge for storage and for all expenses incurred, including loss of or wastage of insurance that cannot otherwise be used if the delay extends beyond 30 days SATRA shall be entitled to re-market payment for any Goods that are ready for delivery, and any other additional costs.

12.6 If for any reason the Client fails to accept delivery of any of the Goods when they are ready for delivery, or SATRA is unable to deliver the Goods, then because the Client has not provided appropriate instructions, documents, information or authorisation then risk in the Goods shall pass to the Client. The Goods and/or Services shall be deemed to have been delivered, and SATRA may store the Goods until delivery, whereupon the Client shall be liable for all related costs and expenses (including without limitation, storage and insurance).

13. RISK/TITLE OF GOODS

13.1 Subject to clause 12.6, the risk in the Goods will transfer to the Client on delivery of the Goods unless SATRA and the Client have agreed that the sale of the Goods will be governed by Incoterms 2010 (or any subsequent revision thereto) in which case risk will transfer to the Client in accordance with the incoterms rule of transport which is agreed by SATRA and the Client.

13.2 The Company shall not accept responsibility for loss or damage in transit unless:

13.3 In the case of sales where delivery of Goods is made in the United Kingdom SATRA is notified by the Client within 10 days of the invoice date of non-receipt of Goods and within 3 days of the invoice date of receipt of Goods damaged in transit or

13.4 In all other cases the Client notifies SATRA on the non-receipt or damage in transit within a reasonable period of time as determined by SATRA.

13.5 Title in the Goods shall remain to the Client until the earlier of when:-

13.6 SATRA receives payment in full (in cash or cleared funds) for the Goods and any other Goods that SATRA has supplied to the Client in which case title in the Goods shall pass at the time of payment of all such sums and

13.7 the Client meets the Goods in accordance with clause 13.5 in which case title shall pass to the Client immediately before the time at which the issue by the Client occurs.

13.8 Until ownership of Goods has passed to the Client, the Client shall:

13.9 hold the Goods as SATRA's bailee;

13.10 store the Goods not subject to SATRA's possession, free from all other goods belonging to the Client or any third party in such a way that they remain readily identifiable as SATRA's property (including where the Goods have been sold to a third party);

13.11 store, display or obtain any identifying mark or packaging on or relating to the Goods and maintain the Goods in satisfactory condition and keep them insured on SATRA's behalf for their full value against all risks to the reasonable satisfaction of SATRA. The Client shall obtain an endorsement of SATRA's interest in the goods on its insurance policy. On request the Client shall allow SATRA to inspect such Goods and shall produce the policy of insurance;

13.12 The Client may need the Goods before ownership has passed (not solely on condition that sale shall be effected in the ordinary course of the Client's business at full market value).

13.13 If before title to the Goods passes to the Client, the Client becomes subject to any of the events referred to in clause 2.6 then without limiting any other right or remedy SATRA may have

13.14 the Client's right to recall the Goods or use them in the ordinary course of its business ceases (even if not duly and

13.15 SATRA may at any time require the Client to deliver up of Goods in its possession that have not been used or inevitably incorporated into another product, and

13.16 if the Client fails to do so promptly SATRA may exercise its rights under clause 13.1.

13.17 The Client grants SATRA, its agents and employees an irrevocable licence at any time to enter any premises where the Goods are or may be stored in order to inspect them, or where the Client's right to possession has been lost, to recover them.

13.18 On termination of the Contract, however caused, SATRA's (but not the Client's) rights contained in the clause 13 shall remain in effect.

14. PATENTS

14.1 SATRA gives no indemnity against any claim of infringement of Letters Patent, Registered Design, Trade Mark or Copyright by the use of or sale of any article or material supplied to the Client. If its use is impossible without infringement of Letters Patent, Registered Design, Trade Mark or Copyright published at the date of the contract, SATRA will refund to the Client the purchase price of the said article or material provided that it is returned to SATRA free of charge. The Client warrants that any design or instruction furnished or given by the Client shall not be such as will cause SATRA to infringe any Letters Patent, Registered Design, Trade Mark or Copyright in the execution of the Client's order.

15. WARRANTY OF GOODS

15.1 SATRA warrants that on delivery and for a period of 12 months from the date of delivery or within the shelf life of the Goods (whichever is the shorter period) the Goods shall be free from defects in design, material and workmanship.

16. DEFECTIVE GOODS

16.1 Subject to clauses 16.6 and 16.7:

16.2 the Client gives notice in writing to SATRA in accordance with clause 16.3 and during the period referred to in clause 15.1 that the Goods do not comply with the warranty (in that clause, and

16.3 SATRA is given a reasonable opportunity of examining such Goods, and

16.4 the Client if asked to do so by SATRA, secures such Goods to SATRA's place of business then SATRA will, at its option, repair or replace the defective Goods or refund the price of the defective Goods (not SATRA's exercise of the right to repair the Goods at the Client's premises).

16.5 The Client must inspect all Goods upon delivery. Failure to do so may result in further charges being applicable the moment of a return.

16.6 If Goods are found to be faulty, defective or damaged the Client must inform SATRA in writing as soon as reasonably practicable and in any event within 10 working days of the fault, damage or defect being discovered.

16.7 Without prejudice to clause 16.1, if a notice of rejection has been received by SATRA within 3 months of delivery, the Client shall be deemed to have accepted the Goods.

16.8 SATRA will pay the reasonable costs of cartage, packing and insurance for any defective Goods which are returned by the Client provided that SATRA is liable under clause 16.1 to repair or replace the defective Goods. If SATRA determines that the Goods are not defective or SATRA is not liable to repair or replace the Goods due to the circumstances under clause 16.6 or 16.7 then the Client will be responsible for the payment of such costs.

16.9 SATRA shall not be under any liability to repair or at its option replace or pay for the repair or replacement of any Goods which are found to be defective if:

16.10 the defect is caused or substantially caused by wear and tear, overloading, misuse, neglect, modification or attempted modification carried out by any organisation other than by SATRA or their appointed agents, or use with ancillary equipment not approved in writing by SATRA, or default in proper maintenance or cleaning; or

16.11 the Client's activation or carries out any repair or replacement of any Goods without first affording SATRA a reasonable opportunity to repair or replace them; or

16.12 the Client has immediately any of the terms of the Contract under which the Goods were supplied, or the Goods have been manufactured to a design or specification or in compliance with other drawings provided by the Client and the defective arises as a result of that design, specification or information;

16.13 Where Goods or parts of Goods are not manufactured by SATRA then SATRA shall be liable for defects only to the extent that SATRA obtains redress from the manufacturer or supplier thereof provided that

16.14 SATRA shall not be obliged to take any step to attempt to obtain such redress except at the request and expense of the Client and upon provision by the Client of a full indemnity as to costs for which SATRA may reasonably become liable.

16.15 Nothing in this condition 16.7 shall have effect as to impose upon SATRA any additional liability or obligations other than those referred to in condition 16.1.

16.16 Except as provided in clause 16.1, SATRA shall have no liability to the Client arising from any failure of the Goods to comply with the warranty in clause 15.1.



EN-ISO 21420:2020

EN 374-2:2014



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SATRA reference: CHT0300498 /2030/
Issue 2

Your reference: MD0120

Date of report: 23 October 2020

Samples received: 22 July 2020

Date(s) work carried out: 4 August 2020

TECHNICAL REPORT

(This report replaces the technical report of CHT0300498 /2030 issued on 4 August 2020)

Subject: EN ISO 21420: 2020 size & dexterity & innocuousness test, EN 374-2: 2014 air leak and water leak test on Nitrile examination gloves, powder free, colour blue, referenced MD0120. Size S (6), M (7), L (8).

Conditions of Issue:

This report may be forwarded to other parties provided that it is not changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report.

The uncertainty of the results (UoM) in this report is based on a standard uncertainty multiplied by a coverage factor $k=2$, which provides a coverage probability of approximately 95%.

Report signed by: Adam Zhang
Position: Technologist
Department: China Testing

WORK REQUESTED

Samples described as Nitrile examination gloves, powder free, colour blue, referenced MD0120. Size S (6), M (7), L (8) were received by SATRA on 22 July 2020 for testing in accordance with EN ISO 21420: 2020 and EN 374-2: 2014.

SAMPLE SUBMITTED


Samples described as Nitrile examination gloves, powder free, colour blue, referenced MD0120. Size S (6), M (7), L (8).

TESTING REQUESTED

- EN ISO 21420: 2020 Clause 5.1 – Sizing and measurement of gloves
- EN ISO 21420: 2020 Clause 5.2 – Dexterity
- EN ISO 21420: 2020 Clause 4.2 – Innocuousness of protective gloves
- EN 374-2: 2014 Clause 7.2 – Air leak
- EN 374-2: 2014 Clause 7.3 – Water leak

CONCLUSION

The samples described as Nitrile examination gloves, powder free, colour blue, referenced MD0120. Size S (6), M (7), L (8) were found to achieve the following results:

- EN ISO 21420: 2020 Clause 5.1 – See below table
- EN ISO 21420: 2020 Clause 5.2 – Level 5
- EN ISO 21420: 2020 Clause 4.2* – Pass PAHs, DMFa and pH value
- EN 374-2: 2014 Clause 7.2* – Pass
- EN 374-2: 2014 Clause 7.3 – Pass

All tests marked * in this technical report were subcontracted to test facilities accredited to ISO/IEC 17025: 2017 by CNAS.

Detailed results are included on the following page(s)

Testing

Testing was carried out in accordance with EN ISO 21420: 2020

Samples for testing were conditioned for at least 24 hours in a conditioned environment maintained at (23±2) °C and (50±5) % relative humidity.

Requirements

Table 1 – Requirements for EN ISO 21420: 2020 Clause 5.2 Dexterity

Performance level	1	2	3	4	5
Diameter of dexterity pin /mm	11.0	9.5	8.0	6.5	5.0

Test Results

Table 2 – EN ISO 21420:2020 Test Results.

Clause / Test	Requirement	Test Results			UoM (See note ♣)	Result	
5.1 Glove length, comfort and fit	N/A	Size		Length /mm		± 1.10 mm	N/A
		6	240	243	248		
		7	234	238	239		
		8	240	240	240		
		Comfortable on fit	Comfortable on fit	Comfortable on fit	Comfortable on fit		
5.2 Dexterity	See table 1	Size		Minimum pin diameter / mm		N/A	Level 5
		6	6	5.0	5.0		
		7	7	5.0	5.0		
		8	8	5.0	5.0		

Additional Information / Notes

Note ♣ – Estimated uncertainty of measurement applied at point of test (e.g. to applied force or to tolerance limits) to ensure product meets requirements of the standard.

Innocuousness Testing
RESULTS:

Sample Item	Sample Description	Location	Style
I001	Nitrile examination gloves	Gloves	-

pH Value-EN ISO 21420:2020

Test Method I: With reference to EN ISO 4045:2018, analyzed by pH meter.
 Test Method II: With reference to ISO 3071:2020, analyzed by pH meter.

Requirement:	3.5-9.5
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Test Item(s)	Unit	Result
-	-	001
Test Method	-	II
Parameter	-	-
pH Value of Extracting Solution	-	5.40
Temp. of Aqueous Extract	deg. C	25.1
pH Value of Aqueous Extract	-	8.3
Difference Figure	-	-
Conclusion	-	PASS

Note / Key: deg. C = degree Celsius (°C) Temp. = Temperature
 Remark: Result(s) was (were) reported the average value from two trials.

RESULTS:

Polycyclic Aromatic Hydrocarbons (PAHs) Content – European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Annex XVII with its Latest Amendment, Entry 50, point 5

Test Method: With reference to test method mentioned ISO/TS 16190:2013

Maximum Allowable Limit:	Each of all listed PAHs: 1.0 mg/kg ⁽⁴⁾
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Tested Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
I001	ND	ND	mg/kg	PASS

Note / Key: ND = Not detected (<Detection Limit) Detection Limit (mg/kg) : Each : 0.2;
 : mg/kg = milligram per kilogram = ppm = part per million

Remark: The list of polycyclic aromatic hydrocarbons is summarized in table of Appendix.
⁽⁴⁾denotes as this maximum allowable limit applies to product(s) placed on the market for the first time on or after December 27, 2015 only.
 Rubber or plastic component(s) of articles that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity under normal or reasonably foreseeable conditions of use is (are) applicable to be tested. Such articles include amongst others:
 — sport equipment such as bicycles, golf clubs, rackets
 — household utensils, trolleys, walking frames
 — tools for domestic use
 — clothing, footwear, gloves and sportswear
 — watch-straps, wrist-bands, masks, head-bands

APPENDIX
List of Polynuclear Aromatic Hydrocarbons:

No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Chrysene	218-01-9	5	Dibenzo (a,h) anthracene	53-70-3
2	Benzo (a) pyrene	50-32-8	6	Benzo (b) fluoranthene	205-99-2
3	Benzo (e) pyrene	192-97-2	7	Benzo (j) fluoranthene	205-82-3
4	Benzo (a) anthracene	56-55-3	8	Benzo (k) fluoranthene	207-06-9

RESULTS:

Dimethylformamide(DMFA) Content—With reference to Substance of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH

Test Method : With reference to EN 16778:2016, and then analyzed by Gas Chromatograph Mass Spectrometer.

Analyte	Unit	Result	
		Test Item(s)	Client's Requirement
		1001	
Dimethylformamide (DMFA)	mg/kg	ND	1000
Conclusion	-	PASS	-

Note / Key : ND = Not detected (<Detection Limit) Detection Limit (mg/kg) : 5
mg/kg = milligram per kilogram = ppm = part per million

Testing

Testing was carried out in accordance with EN 374-2: 2014

Samples for testing were conditioned for at least 24 hours in a conditioned environment maintained at (23±2)°C and (50±5)% relative humidity.

Requirements

Requirements for EN 374-2: 2014

Clause 7.2 Air leak	No leak to be detected
Clause 7.3 Water leak	No leak to be detected

Test Results

EN 374-2: 2014 Test Results

Clause / Test	Test Results		UoM	Result
7.2 Air leak test	Total air pressure used	3.0 kPa	NA	Pass
	Sample size	Leaks		
	6	No leaks detected		
	6	No leaks detected		
	7	No leaks detected		
7.3 Water leak test	Sample size	Leaks	NA	Pass
	6	No leaks detected		
	6	No leaks detected		
	7	No leaks detected		
	8	No leaks detected		

Test report re-issued to change company information
*** End of Report ***

TERMS AND CONDITIONS FOR THE SALE OF GOODS AND/OR THE PROVISION OF SERVICES

1. GENERAL

- 1.1 Work done, Service undertaken or the sale of Goods are subject to the terms and conditions detailed below and subject to clause 5.2 of all other conditions, warranties and representations, expressed or implied by these conditions. Periods set in the conditions shall prevail over the conditions.
- 1.2 SATRA Technology Services (Dongguan) Limited (东莞三星技术服务有限公司) is an autonomous and associated company (hereinafter referred to as "SATRA") may perform Service or supply Goods to persons or entities (public, private or governmental) having jurisdiction (hereinafter termed the "Client") which are known/invested in as a Party, or partly as a Party.
- 1.3 These terms and conditions shall apply to any Contract between SATRA and the Client to the extent of any other terms which the Client may wish to require or which may be explicitly stated, custom, practice or course of dealing.
- 1.4 Unless otherwise agreed in writing to the contrary the Client is entitled to provide instructions or information relating to the Goods or Services required or to the delivery of goods, results, reports or software.
- 1.5 Address/issue notices and correspondence to:
 - 1.5.1 Contract is the contract between SATRA and the Client for the supply of Goods or Service which it is made subject to these terms and conditions; and
 - 1.5.2 Services are the work or services to be supplied or performed under the Contract (including where relevant the supply of software, components and consultancy) and
 - 1.5.3 Goods are the equipment, consumables or other physical items sold under the Contract (including documents, drawings or other information required in order to operate the equipment) and
 - 1.5.4 "PRC" means the People's Republic of China
- 1.6 All drawings, descriptive notations, specifications and advertising material (including brochures and catalogues) prepared or published with the purpose of giving information of the Goods or Services described and defined from part of SATRA.
- 1.7 Where SATRA and the Client agree that the sale of Goods shall be governed by Incoterms 2010 (or any subsequent revision thereto) then the sale shall be governed by the relevant Incoterms made of Incoterm which is agreed by SATRA and the Client.

2. FEES AND PAYMENT

- 2.1 Where SATRA has agreed to perform the Service or supply the Goods on the basis of credit, then payment terms are not later than 30 days from date of invoice, unless otherwise specified and may require payment prior to delivery of the Goods or Services, in the event of the Client failing to make payment agreed SATRA will be entitled to withhold delivery of the Goods or Services or cancel the Contract. SATRA reserves the right to charge interest on any overdue payments at rate of 1.5% per month accruing on a daily basis from the date the invoice is issued until the debt payment is received.
- 2.2 Where the provision of Services or the sale of Goods is subject to a guarantee or warranty then SATRA shall be obliged to start working with the provision of the Goods or Service and after payment until the defect has been made or cleared back to SATRA.
- 2.3 SATRA reserves the right to charge for any and all expenses incurred as a result of performing the Service required by the Client. In respect SATRA will try to provide an estimate of such expenses these may change as a result of circumstances not at SATRA's control.
- 2.4 Unless otherwise agreed or written to the contrary the price for the Goods or Service shall be the price and the order acknowledgement by SATRA and/or any other party before work commences on the Contract. The Order acknowledgement includes packing costs and materials but not courier or installation which will be quoted separately and is agreed with the Client.
- 2.5 Quotations are valid from the date of issue for a period of 30 days, unless otherwise specified or agreed in writing.
- 2.6 Should the Client become insolvent, bankrupt, subject to an administration order, enter into liquidation or reorganization, or make arrangements with creditors, SATRA reserves the right to cancel the Contract and have made the supply of the Goods or Services. Where the Contract with SATRA is terminated all advertising material due from the Client to SATRA shall be immediately payable, and any material supplied by SATRA to the Client returned. Termination of the Contract shall be without prejudice to SATRA's accrued rights.
- 2.7 All invoices issued by SATRA are payable in full. The Client is responsible for payment of withholding tax and any other local and foreign taxes. Payment made to SATRA shall not be reduced by such amounts.
- 2.8 The Client shall not be entitled to withhold or delay payment due to SATRA as a result of any dispute or counter claim that it may allege against SATRA.
- 2.9 SATRA reserves the right to bring action against the Client in order to collect unpaid fees, including court costs. All fees associated with such actions shall be paid for by the Client including legal fees and related costs.
- 2.10 Where performance is in arrears as a result of problem of the Goods or opening of the Service, SATRA shall not waive the Client's entitlement, but reserves the right to charge additional costs to cover such costs and expenses.

3. INTELLECTUAL PROPERTY RIGHTS

- 3.1 All intellectual property rights belonging to a Party prior to entry into the Contract shall remain with that Party. Nothing in this Contract shall allow transfer of any intellectual property rights from one Party to the other.
- 3.2 In the event of conflict or ambiguity the use of trademark marks by the Client may be subject to local and international laws and regulations. The responsibility for the use of these trademark marks shall solely with the Client.
- 3.3 All trademark property rights in reports, drawings, graphics, charts, photographs or any other material (in whatever medium) produced by SATRA pursuant to the Contract shall belong to SATRA. The Client shall have the right to use such material in accordance with the terms of this Contract.
- 3.4 The Client agrees and acknowledges that SATRA retains any and all copyright rights in concepts, ideas and inventions that it may create during the preparation or provision of any report (including any deliverable provided by SATRA) to the Client and the provision of the Services to the Client.
- 3.5 All intellectual property rights in any software or application used by SATRA or SATRA's licensors.
- 3.6 Where SATRA is a member of SATRA Limited, SATRA (SHENZHEN) and SATRA (DONGGUAN) provided that the Client is a member of SATRA and has paid to SATRA (SHENZHEN) then the Client will be entitled to use the software for its own internal use and will be entitled to receive minor software updates and fixes. SATRA may however terminate the supply of software updates and fixes for other versions of software which no longer continues viable to support. The Client's right to use the software and receive software updates and fixes, where they exist, if the Client has not paid to SATRA (SHENZHEN) any Major or significant services will be automatically terminated and the Client shall have no right to use SATRA from the date of termination.
- 3.7 SATRA shall observe all statutory provisions with regard to data protection. To the extent that SATRA processes or gains access to personal data in connection with the Services or otherwise in connection with the Contract, it shall take all reasonable technical and organizational measures to ensure the security of such data and shall guard against unauthorized or unlawful processing, accidental loss, destruction or damage to such data.

TERMS AND CONDITIONS FOR THE SALE OF GOODS AND/OR THE PROVISION OF SERVICES

10. PROVISION OF SERVICES

- 10.1 SATRA shall provide Service using reasonable care and skill and in accordance with the Client's specific instructions and as confirmed by SATRA as part of the Contract execution process.
- 10.2 Expenses for completion of the Service are made in good faith and date from receipt of a written order, request or requisition (including any letters by the Client to SATRA) separately from all other goods belonging to the Client or any third party (such as goods that they remain ready to deliver to SATRA property (including where the Goods have been sold on a 3rd party).
- 10.3 SATRA will make every effort to fulfil their obligations, such activities as subject to unforeseen events and if not allowed, cause the loss to the Client. This will not be the absence in relation to the performance of the Service.
- 10.4 Results given in test reports or certificates refer only to samples submitted for analysis to SATRA. A certificate and report is not a warranty that the product tested is approved by SATRA and is not a warranty of general fitness for performance of the product tested.
- 10.5 SATRA may delegate all or part of the Service to a subcontractor and the Client authorizes SATRA to disclose all information requested to the subcontractor.
- 10.6 Where the Client requests SATRA to witness taking of any contract being undertaken by a third party the Client agrees that SATRA's sole responsibility is to be present at the time of the work and to forward the results to the Client. SATRA will not be responsible for the service time taken by the subcontractor. SATRA is not responsible for the results or completion of any equipment unless previously SATRA.
- 10.7 Unless otherwise agreed in writing, SATRA will not be liable for the data of the third party report after which they may wish to depend on and SATRA shall accept no responsibility for such samples.
- 10.8 Where the nature of the samples or the Service undertaken results in special disposal then SATRA reserves the right to pass the cost of such disposal onto the Client.
- 10.9 Storage for goods periodically is responsible only if agreed in advance and may incur a storage charge payable by the Client.
- 10.10 Where practical and appropriate, samples may be returned to the Client and SATRA reserve samples that are not returned promptly or fully destroyed as part of the work undertaken and SATRA reserve the samples will be returned to the Client under the same condition.
- 10.11 Where SATRA makes decisions relating to engagements between the Client and third parties or documents relating to third parties, such documents shall be controlled as being for information only and shall not release the Client from any of its obligations to SATRA.
- 10.12 SATRA reserves the right to make changes to the Services, provided that such changes do not materially affect the nature or quality of the provision of these Services or where they are necessary in order to ensure that any applicable law or regulatory requirements are complied with.
- 10.13 The Client acknowledges that SATRA by providing the Services, neither takes the place of the Client or any third party or releases them from any of their obligations.

11. CLIENT RESPONSIBILITIES RELATING TO THE PROVISION OF SERVICES

- 11.1 The Client shall provide sufficient samples, information, instructions and documents as required to enable SATRA to carry out the Service in accordance with the methods, standards or other specifications as agreed. SATRA is not responsible for the Client's failure to provide such information.
- 11.2 Where applicable the Client shall allow access by members of SATRA staff to such premises where the Service can be performed adequately by any applicable equipment and personnel.
- 11.3 The Client shall inform SATRA in advance of any known hazards, dangers or other safety matters affecting samples submitted to SATRA or analysis made by SATRA.
- 11.4 Where the Client fails to comply with any of its responsibilities SATRA reserves the right to suspend any Services and such time as the Client has complied and may require the Client to reimburse SATRA the amount of any additional costs arising from the suspension.

12. DELIVERY AND NON-DELIVERY OF GOODS

- 12.1 Delivery shall be the supply of the Goods on an approximately any date guaranteed. Time of delivery is not the essence of the Contract and SATRA shall not be liable for any delay in delivery of the Goods.
- 12.2 SATRA, without liability, may be requested and agreed, SATRA shall be entitled to make additional charges to cover overheads or other additional costs.
- 12.3 Delivery of the Goods shall take place at such location as SATRA and the Client agree. If the Client agrees to collect the Goods from SATRA's premises, then delivery will take place at those premises in accordance with the agreement of Goods as mentioned. SATRA upon receipt shall be evidence of the Goods remaining the Client unless the Client can provide conclusive evidence to the contrary.
- 12.4 SATRA shall not be liable for the non-delivery of Goods if caused by SATRA unless the Client provides written advice of non-delivery in accordance with clause 13.2. Liability for non-delivery of Goods shall in any event be limited to replacing the Goods within a reasonable time frame or the issue of a small note to the value of the Goods not delivered.
- 12.5 Should delivery of the Goods be suspended or delayed the Client for any reason SATRA reserves the right to suspend the Client's entitlement to the Goods and to suspend SATRA for any fees that the Client owes them or to suspend SATRA until the Client has paid any such fees. SATRA shall be entitled to immediate payment for any Goods that are ready for delivery and any other additional costs.
- 12.6 If for any reason the Client fails to take delivery of any of the Goods when they are ready for delivery or SATRA is unable to deliver the Goods on the date because the Client has not provided appropriate instructions, documents, samples or additional services then the Client shall pay to the Client, the Goods and/or Services shall be deemed to have been delivered and SATRA may return the Goods under delivery, whereupon the Client shall be liable for all related costs and expenses (including, without limitation, storage and insurance).

13. REMEDY OF GOODS

- 13.1 Subject to clause 12.6 of the Contract, in the event of the Client's non-delivery of the Goods under SATRA and the Client has agreed that the use of the Goods will be governed by the Incoterms 2010 (or any subsequent revision thereto) in which case SATRA shall be liable to the Client in accordance with the Incoterms made of Incoterms which is agreed by SATRA and the Client.
- 13.2 The Company shall not accept responsibility for loss or damage to the Client's goods.
- 13.3 In the event of a delay in the delivery of Goods to the Client in the PRC, SATRA is notified by the Client within 10 days of the invoice date of non-receipt of Goods and within 10 days of the invoice date of receipt of Goods damaged or rejected.
- 13.4 In all other cases, the Client notifies SATRA on the non-receipt or damage in transit within a reasonable period of time as defined in clause 13.2.
- 13.5 The Client's Goods shall not pass to the Client until the work of which -
 - 13.5.1 SATRA incurs payment in full (in cash or cleared funds) for the Goods and any other Goods that SATRA has supplied to the Client in which case the Client shall pay to the Client the full price of the payment of all such sums; and
 - 13.5.2 the Client notifies SATRA in accordance with clause 13.2 in which case the Client shall pay to the Client the full price of the payment of all such sums; and
- 13.6 SATRA shall not be liable to the Client until the work of which -
 - 13.6.1 the defect is caused or substantially caused by wear and tear, misadventure, misuse, neglect, modification or attempted modification, caused by any organization other than SATRA or its approved agents, or use with ancillary equipment not approved in writing by SATRA or default in proper maintenance or cleaning; or
 - 13.6.2 the Client misadventure or misuse or any repair or replacement of any Goods without first notifying SATRA (reasonable opportunity to inspect or repair them); or
 - 13.6.3 the Client has breached any of the terms of the Contract under which the Goods were supplied;
 - 13.6.4 the Goods have been manufactured to a design or specification or in compliance with other information provided by the Client and the defect has arisen as a result of the design, specification or information;
 - 13.6.5 Where Goods or parts of Goods are not manufactured by SATRA then SATRA will be liable to defects only to the extent that SATRA obtains notices from the manufacturer or supplier thereof provided that:
 - 13.6.6 SATRA shall not be obliged to take any step to attempt to clear such notices except at the request and expense of the Client and upon provision by the Client of valid evidence as to the extent of SATRA's responsibility for the defect;
 - 13.6.7 nothing in this condition 13.7 shall have effect as to repair or replacement of any additional liability or otherwise other than those referred to in clause 13.6.5.
- 13.7 Except as provided in clause 13.5, SATRA shall have no liability to the Client arising from any failure of the Client to comply with the terms in clause 13.5.

EN-ISO 21420:2020

EN 374-2:2019



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Customer details: Dongguan Grinvald Technology Co., Ltd
401 Building A 4th Floor
Dongguan
Guangdong
China

SATRA reference: CHT0305556 /2048

Your reference: MD0120

Date of report: 2 December 2020

Samples received: 27 November 2020

Date(s) work carried out: 1 December 2020

TECHNICAL REPORT

Subject: EN ISO 21420: 2020 size & dexterity test, EN ISO 374-2: 2019 air leak and water leak test on Medcare Nitrile examination gloves, powder free, referenced as MD0120, Colour: Blue, size XL(9)

Conditions of Issue:

This report may be forwarded to other parties provided that it is not changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report.

The uncertainty of the results (UoM) in this report is based on a standard uncertainty multiplied by a coverage factor $k=2$, which provides a coverage probability of approximately 95%.

Report signed by: Adam Zhang
Position: Technologist
Department: China Testing

WORK REQUESTED

Samples described as Medcare Nitrile examination gloves, powder free, referenced as MD0120, Colour: Blue, size XL(9) were received by SATRA on 27 November 2020 for testing in accordance with EN ISO 21420: 2020 and EN ISO 374-2: 2019.

SAMPLE SUBMITTED



Samples described as Medcare Nitrile examination gloves, powder free, referenced as MD0120, Colour: Blue, size XL (9)

TESTING REQUESTED

- EN ISO 21420: 2020 Clause 5.1 – Sizing and measurement of gloves
- EN ISO 21420: 2020 Clause 5.2 – Dexterity
- EN ISO 374-2: 2019 Clause 7.2 – Air leak
- EN ISO 374-2: 2019 Clause 7.3 – Water leak

CONCLUSION

The samples described as Medcare Nitrile examination gloves, powder free, referenced as MD0120, Colour: Blue, size XL(9) were found to achieve the following results:

- EN ISO 21420: 2020 Clause 5.1 – See below table
- EN ISO 21420: 2020 Clause 5.2 – Level 5
- EN ISO 374-2: 2019 Clause 7.2 – Pass
- EN ISO 374-2: 2019 Clause 7.3 – Pass

Detailed results are included on the following page(s)

Testing

Testing was carried out in accordance with EN ISO 21420:2020 and EN ISO 374-2: 2019

Samples for testing were conditioned for at least 24 hours in a conditioned environment maintained at (23±2) °C and (50±5) % relative humidity.

Requirements

Table 1 – Requirements for EN ISO 21420: 2020 Clause 5.2 Dexterity

Performance level	1	2	3	4	5
Diameter of dexterity pin /mm	11.0	9.5	8.0	6.5	5.0

Table 2 – Requirements for EN ISO 374-2: 2019

Clause 7.2 Air leak	No leak to be detected
Clause 7.3 Water leak	No leak to be detected

Test Results

Table 3 – EN ISO 21420:2020 Test Results

Clause / Test	Requirement	Test Results			UoM (See note ↗)	Result	
5.1 Glove length, comfort and fit	N/A	Length /mm			± 1.10 mm	N/A	
		Size	1	2			3
		9	242	238	241		
		Comfortable on fit					
5.2 Dexterity	See table 1	Minimum pin diameter / mm			N/A	Level 5	
		Size	9	5.0			
		9	5.0				
		9	5.0				

TERMS AND CONDITIONS FOR THE SALE OF GOODS AND/OR THE PROVISION OF SERVICES

- 10 PROVISION OF SERVICES**
- 10.1 SATRA shall provide Services using reasonable care and skill and in accordance with the Client's specific instructions and as defined by SATRA as part of the Contract unless stated otherwise.
- 10.2 Estimates for completion of the Services are made in good faith and data from receipt of a written order, payment of a proforma invoice if required, full information and samples to enable SATRA to proceed. While SATRA will make every effort to fulfil their obligations, an obligation to undertake work and if not achieved, cannot give rise to any claim. There will be no claim for the absence or inadequacy of the performance of the Services.
- 10.3 Results given in test reports or certificates refer only to samples submitted for analysis to SATRA. A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested.
- 10.4 SATRA may delegate all or part of the Services to a subcontractor and the Client authorises SATRA to disclose all information requested to undertake the Services.
- 10.5 Where the Client requests SATRA to advise testing of other services being undertaken by a third party the Client agrees that SATRA's sole responsibility is to be present at the site of the work and to forward the results or copies that the service has been undertaken. The Client agrees that unless otherwise agreed SATRA is not responsible for the completion or publication of any work provided by SATRA.
- 10.6 Unless otherwise agreed in advance, test samples will be returned for 6 weeks from the date of the first report after which time they will be disposed of and SATRA shall cease to have any responsibility for such samples. Where the nature of the samples or the Services undertaken results in specialist disposal then SATRA assumes the right to pass the cost of such disposal onto the Client.
- Storage for longer periods may be possible only if agreed in advance and may incur a storage charge payable by the Client.
- Where practical and agreed in advance, samples may be returned at the Client's expense. However, samples are treated as hazardous, partially or fully disposed of as part of the work undertaken and SATRA cannot guarantee that samples will be returned in an "as new" condition.
- 10.7 Where SATRA receives documents relating to engagements between the Client and third parties or documents belonging to third parties, such documents shall be considered as being for information only and shall not release the Client from any obligations to SATRA.
- 10.8 SATRA reserves the right to make changes to the Services, provided that such changes do not materially affect the nature or quality of the provision of those Services or where they are necessary in order to ensure that any applicable laws or safety requirements are complied with.
- 10.9 The Client acknowledges that SATRA by providing the Services, neither takes the place of the Client or any third party or releases them from any of their obligations.
- 11 CLIENT RESPONSIBILITIES RELATING TO THE PROVISION OF SERVICES**
- 11.1 The Client shall provide sufficient samples, information, instructions and documents as required to enable SATRA to carry out the Services in accordance with the methods, standards or other specifications as agreed.
- 11.2 Where applicable the Client shall allow access by members of SATRA staff to such premises where the Services are to be performed and provide any specialist equipment and personnel.
- 11.3 The Client shall inform SATRA in advance of any known hazards, changes or other safety matters relating to samples submitted to SATRA or on-site work made by SATRA.
- 11.4 Where the Client fails to comply with any of its responsibilities SATRA reserves the right to suspend any Services and such suspension shall be at the Client's expense and may require the Client to reimburse SATRA the amount of any additional costs incurred by the suspension.
- 12 DELIVERY AND NON-DELIVERY OF GOODS**
- 12.1 Delivery dates for the supply of the Goods are approximate only and not guaranteed. Time of delivery is not of the essence if the Contract and SATRA shall not be liable for any delay in delivery of Goods.
- 12.2 Should expedited delivery be requested and agreed, SATRA shall be entitled to make additional charges to cover overtime or any other additional costs.
- 12.3 Delivery of the Goods shall take place at such location as SATRA and the Client agree. If the Client agrees to collect the Goods from SATRA's premises, then delivery will take place at those premises in which case the responsibility of Goods as accepted by SATRA upon delivery shall be the responsibility of the Goods received by the Client unless the Client can provide verifiable evidence to the contrary.
- 12.4 SATRA shall not be liable for the non-delivery of Goods (even if caused by SATRA) unless the Client provides written notice of non-delivery in accordance with clause 13.2. Liability for non-delivery of Goods shall in any event be limited to replacing the Goods within a reasonable time frame or the issue of a credit note to the value of the Goods not delivered.
- 12.5 Should liability of the Goods be suspended or delayed by the Client for any reason, SATRA reserves the right to charge for storage and for all expenses incurred, including loss of or wastage of materials that cannot otherwise be used. If the delay exceeds 30 days, SATRA shall be entitled to invoice payment for any Goods that are resold or otherwise used, and any other additional costs.
- 12.6 If for any reason the Client fails to take delivery of any of the Goods when they are ready for delivery, or SATRA is unable to deliver the Goods set free because the Client has not provided appropriate instructions, documents, samples or authorisations then risk in the Goods shall pass to the Client. The Goods and/or Services shall be deemed to have been delivered and SATRA may, at its discretion, use the Goods and delivery, whereupon the Client shall be liable for all related costs and expenses (including, without limitation, storage and insurance).
- 13 IN-SOURCE OF GOODS**
- 13.1 Subject to clause 13.6, the risk in the Goods will transfer to the Client on delivery of the Goods unless SATRA and the Client have agreed that the sale of the Goods will be governed by provisions 2010 or any subsequent provisions of the Sale of Goods Act 1979 which will transfer to the Client in accordance with the invoice made of the goods which is agreed by SATRA and the Client.
- 13.2 The Company shall not accept responsibility for loss or damage to handovered:
- 13.2.1 in the case of items whose delivery of Goods is made in the PRC, SATRA is notified by the Client within 10 days of the invoice date of non-receipt of Goods and within 3 days of the invoice date of receipt of Goods damaged in transit; or
 - 13.2.2 in all other cases the Client notifies SATRA on the non-receipt or damage in transit within a reasonable period of time as determined by SATRA.
- 13.3 Title to the Goods shall not pass to the Client until the transfer of title:-
- 13.3.1 SATRA receives payment in full (in cash or cleared funds) for the Goods and any other Goods that SATRA has supplied to the Client in which case title to the Goods shall pass at the time of payment of all such sums; and
 - 13.3.2 the Client needs the Goods in accordance with clause 13.5, in which case title shall pass to the Client immediately before the time at which the Goods are used.
- 13.4 Title ownership of Goods has passed to the Client, the Client shall:
- 13.4.1 hold the Goods as SATRA's bailee;
 - 13.4.2 store the Goods (if not used by SATRA) separately from all other goods belonging to the Client or any third party in such a way that they remain readily identifiable as SATRA's property (including where the Goods have been subject to work);
 - 13.4.3 not destroy, damage or obscure any identifying mark or packaging on or relating to the Goods; and
 - 13.4.4 maintain the Goods in satisfactory condition and keep them insured on SATRA's behalf for their full price against all risks to the reasonable satisfaction of SATRA. The Client shall obtain an endorsement of SATRA's interest in the goods on its insurance policy. On payment the Client shall allow SATRA to inspect such Goods and shall protect the policy of insurance.
- 13.5 The Client may reuse the Goods before reworking has passed to it solely in so far as the sale shall be effected in the ordinary course of the Client's business at full market value.
- 13.6 If before title to the Goods passes to the Client, the Client becomes a party to any event which would result in clause 20.2 being without effect, any other right it may have is hereby waived.
- 13.6.1 the Client's right to reuse the Goods or use them in the ordinary course of its business ceases immediately; and
 - 13.6.2 SATRA may at any time require the Client to deliver up all Goods in its possession that have not been reused or otherwise incorporated into another product; and
 - 13.6.3 if the Client fails to do so promptly SATRA may exercise its rights under clause 13.7.
- 13.7 The Client grants SATRA, its agents and employees, its trustees and licensees at any time to enter any premises where the Goods are or may be stored in order to inspect them, or where the Client's title to possession has transferred, to secure them.
- 13.8 On termination of a Contract, however caused, SATRA's (but not the Client's) rights contained in this clause 13 shall remain intact.
- 14 PATENTS**
- 14.1 SATRA gives no warranty against any claim of infringement of any Patent, Registered Design, Trade Mark or Copyright by the use of or sale of any article or material supplied to the Client. It is not an implied or inferred infringement of a Patent, Registered Design, Trade Mark or Copyright patented at the date of a Contract. SATRA will indemnify the Client the purchase price of the said article or material provided that it is returned to SATRA free of charge. The Client accepts that any design or invention, knowledge given by the Client shall not be such as will cause SATRA to infringe any Patent, Registered Design, Trade Mark or Copyright in the execution of the Client's order.
- 15 WARRANTY OF GOODS**
- 15.1 SATRA warrants that on delivery and for a period of 12 months from the date of delivery or within the shelf-life of the Goods (whichever is the shorter period) the Goods shall be free from defects in design, material and workmanship.
- 16 DEFECTIVE GOODS**
- 16.1 Subject to clause 16.6 and 16.7:
- 16.1.1 the Client gives notice in writing to SATRA in accordance with clause 16.3 and during the period referred to in clause 15.1 that the Goods do not comply with the warranty in this clause; and
 - 16.1.2 SATRA is given a reasonable opportunity of examining such Goods; and
 - 16.1.3 the Client if elected to do so by SATRA, returns such Goods to SATRA's place of business.
- Then SATRA will, at its option, repair or replace the defective Goods or refund the price of the defective Goods in full. SATRA reserves the right to repair the Goods at the Client's premises.
- 16.2 The Client must inspect all Goods upon delivery. Failure to do so may result in further charges being applied in the event of a return.
- 16.3 If Goods are found to be faulty, defective or damaged the Client must inform SATRA in writing as soon as reasonably possible and in any event within 10 working days of the fault, damage or defect being discovered.
- 16.4 Without prejudice to clause 16.1, if no notice of rejection has been received by SATRA within 3 months of delivery the Client shall be deemed to have accepted the Goods.
- 16.5 SATRA will only be responsible for costs of carriage, packaging and insurance for any defective Goods which are returned to the Client provided that SATRA is liable under clause 16.1 to repair or replace the defective Goods. If SATRA determines that the Goods are not defective or if SATRA is not able to repair or replace the Goods due to the circumstances under clauses 16.6 or 16.7 then the Client will be responsible for the payment of such costs.
- 16.6 SATRA shall not be under any liability to repair or at its option replace or pay for the repair or replacement of any Goods which are found to be defective if:
- 16.6.1 the defect is caused or substantially caused by wear and tear, overloading, misuse, neglect, modification or attempted modification carried out by any organisation other than by SATRA or their approved agents, or use with ancillary equipment not approved in writing by SATRA, or default in proper maintenance or cleaning; or
 - 16.6.2 the Client substitutes or carries out any repair or replacement of any Goods without first offering SATRA a reasonable opportunity to replace or repair them; or
 - 16.6.3 the Client has breached any of the terms of the Contract under which the Goods were supplied; or
 - 16.6.4 the Goods have been manufactured to a design or specification or in compliance with other information provided by the Client and the defect has arisen as a result of the design, specification or information.
- 16.7 Where Goods or parts of Goods are not manufactured by SATRA then SATRA shall be liable for defects only to the extent that SATRA obtains redress from the manufacturer or supplier thereof provided that:
- 16.7.1 SATRA shall not be obliged to take any step to attempt to obtain such redress except at the request and expense of the Client and upon provision by the Client of a full indemnity as to costs for which SATRA may be forced to become liable;
 - 16.7.2 nothing in this condition 16.7 shall have effect as to give upon SATRA any additional liability or obligations other than those referred to in condition 16.1.
- 16.8 Except as provided in clause 16.1 SATRA shall have no liability to the Client arising from any failure of the Goods to comply with the warranty in clause 15.1.

Terms and conditions - May 2017



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Customer details: SATRA Technology Services (Dongguan) Ltd SATRA reference: CHM0302486/2038/JS
Unit 110, Xinzhongyin Garden (B
Hongwei Road Your reference: CHT0301899
Xiping, Nancheng District
DONGGUAN CITY
Guangdong Province
China
523079
Date of report: 14th October 2020
Samples received: 14th September 2020
Date(s) work carried out: 24th to 28th September 2020

TECHNICAL REPORT

SATRA Technology Services (Dongguan) Ltd:

Customer: Dongguan Grinvald Technology Co., Ltd.
401 Building A 4th Floor,
Dongguan
Guangdong
China
523000

Subject: EN ISO 374-4:2019 determination of resistance to degradation by dangerous chemicals on gloves described as Medicare examination gloves, powder free, color blue. Reference No. MD0120

Conditions of Issue:

This report may be forwarded to other parties provided that it is not changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

Tests marked # fall outside the UKAS Accreditation Schedule for SATRA. All interpretations of results of such tests and the comments based upon them are outside the scope of UKAS accreditation and are based on current SATRA knowledge.

A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report.

The uncertainty of the results (UoM) in this report is based on a standard uncertainty multiplied by a coverage factor k=2, which provides a coverage probability of approximately 95%.

Report signed by: Jennifer Shearer
Position: Technologist
Department: Chemical & Analytical Technology

WORK REQUESTED:

Samples of gloves described as Medcare examination gloves, powder free, color blue. Reference No. MD0120 were received on 14th September 2020, for testing in accordance with EN ISO 374-4:2019.

SAMPLE SUBMITTED:



Samples of gloves described as Medcare examination gloves, powder free, color blue. Reference No. MD0120

CONCLUSION:

When assessed in accordance with EN ISO 374-4:2019 the samples of gloves described as Medcare examination gloves, powder free, color blue. Reference No. MD0120 achieved the following degradation results:

Chemical	Mean degradation / %
40% Sodium hydroxide (CAS: 1310-73-2)	-18.0

Full results are reported in the following tables.

TESTING REQUIRED:

- EN ISO 374-4:2019 - Protective gloves against dangerous chemicals and micro-organisms. Part 4: Determination of resistance to degradation by chemicals.

RESULTS:

Sample description:	MD0120		
Challenge chemical:	40% Sodium hydroxide (CAS: 1310-73-2)		
Test temperature / °C:	(23 ± 1)		
Degradation / %:	Glove 1	Glove 2	Glove 3
	5.2	-33.2	-26.1
Mean degradation (DR) / %:	-18.0		
Standard deviation (σ_{DR}) / %:	20.4		
UoM / ± %:	7.4		
Appearance of samples after testing:	No change		

NOTE: Where the test specimens gave an increased puncture force after chemical exposure, the result is reported as a negative degradation.



0248

1. GENERAL

- 1.1 Work done... 1.2 SATRA Technology... 1.3 These terms... 1.4 Unless otherwise... 1.5 All references... 1.6 All drawings... 1.7 Where SATRA...

2. FEES AND PAYMENT

- 2.1 Where SATRA... 2.2 Where the provision... 2.3 SATRA reserves... 2.4 Unless otherwise... 2.5 Quotations are... 2.6 Should the Client... 2.7 All invoices... 2.8 The Client shall...

3. INTELLECTUAL PROPERTY RIGHTS

- 3.1 All intellectual... 3.2 In the event... 3.3 All intellectual... 3.4 The Client agrees... 3.5 All intellectual...

- 3.6 SATRA shall observe... 3.7 SATRA shall observe... 3.8 SATRA shall observe...

4. SUSPENSION OR TERMINATION OF SERVICES

- 4.1 Concomitantly... 4.2 SATRA shall not...

5. LIABILITY AND INDEMNIFICATION

- 5.1 Reports are... 5.2 Nothing in... 5.3 Subject to... 5.4 Subject to...

6. MISCELLANEOUS

- 6.1 If any law... 6.2 During the... 6.3 The use of... 6.4 All reports... 6.5 The Client...

7. CONFIDENTIALITY

- 7.1 Unless... 7.2 Deliverables... 7.3 Where SATRA...

8. ASSIGNMENT

- 8.1 No assignment...

9. DISPUTE RESOLUTION

- 9.1 There shall... 9.2 Failure to... 9.3 Should the...



0248

- 10. In all other...

- 11.1 The Client...

- 11.2 SATRA shall...

- 11.3 SATRA shall...

- 11.4 SATRA shall...

- 11.5 SATRA shall...

- 11.6 SATRA shall...

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- 11.22 SATRA shall...

- 11.23 SATRA shall...

- 11.24 SATRA shall...



SATRA Technology Services (Dongguan) Ltd
Unit 110, Xinzhongyin Garden, Xiping
Nancheng District, Dongguan City,
Guangdong Province, China
Tel: +86 (0) 769 22888020
email: info@satraf.com

Customer details: Dongguan Grinvald Technology Co., Ltd
401 Building A 4th Floor
Dongguan
Guangdong
China

SATRA reference: CHT0303908 /2043

Your reference: MD0120

Date of report: 4 November 2020

Samples received: 21 October 2020

Date(s) work carried out: 22-30 October 2020

TECHNICAL REPORT

Subject: EN ISO 374-5: 2016 viruses test on Medcare examination gloves Powder free referenced as MD0120, Colour: Blue, size XL

Conditions of Issue:

This report may be forwarded to other parties provided that it is not changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report.

Please note uncertainty of measurement has not been applied to the results in this report. SATRA uncertainty of measurement values are available on request.

Report signed by: Adam Zhang
Position: Technologist
Department: China Testing

WORK REQUESTED

Samples described as Medcare examination gloves Powder free referenced as MD0120, Colour: Blue, size XL were received by SATRA on 21 October 2020 for testing in accordance with EN ISO 374-5: 2016

SAMPLE SUBMITTED



TESTING REQUESTED

EN ISO 374-5: 2016 Clause 5.3 – Protection against viruses (ISO 16604: 2004 Procedure B)

CONCLUSION

The samples described as Medcare examination gloves Powder free referenced as MD0120, Colour: Blue, size XL were found to achieve the following results:

EN ISO 374-5: 2016 Clause 5.3 – Pass

Detailed results are included on the following page(s)

Test Results

Testing was conducted at a third-party laboratory and reported under their reference 20R006631. The laboratory is CNAS accredited to ISO 17025: 2017 with ISO 16604: 2004 included in their accreditation schedule.

Table 1 – Resistance to penetration by blood-borne pathogens results

Sample description: Medcare examination gloves Powder free referenced as MD0120, Colour: Blue, size XL						
Test method	Specimen	Step 1 (0 kPa, 5 min)	Step 2 (14 kPa, 1min)	Step 3 (0kPa, 4min)	Titre of phage Phi-X174 (PFU /mL)	Comment
ISO 16604: 2004 Procedure B Using retaining screen	+ control	Penetration	Penetration	Penetration	Penetration	Acceptable
	- control	No penetration	No penetration	No penetration	< 1	Acceptable
	1	Invisible penetrate	Invisible penetrate	Invisible penetrate	< 1	Pass
	2	Invisible penetrate	Invisible penetrate	Invisible penetrate	< 1	Pass
	3	Invisible penetrate	Invisible penetrate	Invisible penetrate	< 1	Pass

*** End of Report ***



March 16, 2021

▪TEST REPORT▪

PN 157938

PHARMACEUTICAL SERVICES

Prepared For:

Note Atias
Dongguan Grinvald Technology Co., Ltd.
401, Building #3, No 4 of Guangming
New Village 2 Road Dongcheng
Dongguan City Guangdong 523000
China

Prepared By:


Tiffany Heller
Manager, Pharmaceutical Services

Approved By:


Ana C Barbur, M.S.
Vice President, Analytical & Chemical Services

Rev 101218



An A2LA ISO 17025 Accredited Testing Laboratory — Certificate Numbers 255.01 & 255.02
ISO 9001:2015 Registered

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March 16, 2021

Note Atlas
Dongguan Grinvald Technology Co., Ltd.

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SUBJECT: Permeation testing per ASTM D6978-05(2019) on sample submitted by the above company.

RECEIVED: One (1) blue glove type identified by customer as; Lot Number MED202102.

TEST CHEMICALS:

Table 1. List of the Testing Drugs and their Sources

TESTING CHEMOTHERAPY DRUGS	DRUG SOURCE
Busulfan, 6 mg/ml (6,000 ppm)	Sigma Aldrich; Lot# BCBZ9160; Expiration 01/2022
Carboplatin, 10 mg/ml (10,000 ppm)	Teva; Lot# 19K11KA; Expiration 11/2021
Carmustine (BCNU), 3.3 mg/ml (3,300 ppm)	USP; Lot# R116Y0; Expiration 03/2022
Cyclophosphamide (Cytoxan), 20.0 mg/ml (20,000 ppm)	Accord; Lot# 19112225; Expiration 10/2021
Doxorubicin HCl, 2.0 mg/ml (2,000 ppm)	WestWard; Lot# BJ0051; Expiration 06/2021
Etoposide, 20.0 mg/ml (20,000 ppm)	Teva; Lot# 31325485B; Expiration 07/2021
5-Fluorouracil, 50.0 mg/ml (50,000 ppm)	Accord; Lot# P2001167; Expiration 01/2022
Paclitaxel, 6.0 mg/ml (6,000 ppm)	Teva; Lot# 19K24KA; Expiration 11/2021
ThioTepa, 10.0 mg/ml (10,000 ppm)	USP; Lot # R11380; Expiration 02/2022

COLLECTION MEDIA:

Table 2. Collection Media for Test Drug

TEST DRUG AND CONCENTRATION	COLLECTION MEDIUM
Busulfan, 6 mg/ml (6,000 ppm)	Distilled Water
Carboplatin, 10 mg/ml (10,000 ppm)	Distilled Water
Carmustine (BCNU), 3.3 mg/ml (3,300 ppm)	10% Ethanol Aqueous Solution
Cyclophosphamide (Cytoxan), 20.0 mg/ml (20,000 ppm)	Distilled Water
Doxorubicin HCl, 2.0 mg/ml (2,000 ppm)	Distilled Water
Etoposide, 20.0 mg/ml (20,000 ppm)	Distilled Water
5-Fluorouracil, 50.0 mg/ml (50,000 ppm)	9.20 pH Sodium Hydroxide Solution
Paclitaxel, 6.0 mg/ml (6,000 ppm)	30% Methanol Aqueous Solution
ThioTepa, 10.0 mg/ml (10,000 ppm)	Distilled Water

*ARDL is ISO 17025 accredited by AZLA for the test methods listed on the certificates referenced on page one. Unless specified, the current specification version is used.
NOTE: Non-ISO 17025 accredited test methods are designated with the * symbol to differentiate from ISO 17025 accredited methods in the body of the test report.
www.ardl.com | 2887 Glchrist Rd. | Akron, Ohio 44305 | answers@ardl.com | Toll Free (800) 830-ARDL
Fax (330) 794-6610 | Worldwide (330) 794-6600

March 16, 2021

Note Atlas
Dongguan Grinvald Technology Co., Ltd.

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PN 157938

TESTING CONDITIONS:

Standard Test Method Used:	ASTM D6978-05(2019)
Analytical Method:	UV/VIS Spectrometry
Testing Temperature:	35.0°C ± 2.0
Collection System:	Closed Loop
Specimen Area Exposed:	5.067 cm ²
Selected Data Points:	25/test
Number of Specimens Tested:	3/test
Location Sampled From:	Cuff Area

DETECTION METHOD OF CHEMICAL PERMEATION:

UV/VIS ABSORPTION SPECTROMETRY:

Instrument: Perkin Elmer UV/VIS Spectrometer Lambda 25

UV/VIS Absorption Spectrometry was used to measure the absorbance of test chemicals, which permeated through the specimens into the collection medium. The collection medium was circulated in a closed loop through the testing period. Data collection was performed according to the programmed schedule by means of UV Winlab software from the Perkin Elmer Corporation. The list of the characteristic wavelengths is shown below.

Table 3. Characteristic Wavelengths used in UV/VIS Absorption Spectrometry

TESTING DRUG	WAVELENGTH (nm)
Busulfan, 6 mg/ml (6,000 ppm)	197
Carboplatin, 10 mg/ml (10,000 ppm)	192
Carmustine (BCNU), 3.3 mg/ml (3,300 ppm)	229
Cyclophosphamide (Cytoxan), 20.0 mg/ml (20,000 ppm)	200
Doxorubicin HCl, 2.0 mg/ml (2,000 ppm)	232
Etoposide, 20.0 mg/ml (20,000 ppm)	205
5-Fluorouracil, 50.0 mg/ml (50,000 ppm)	269
Paclitaxel, 6.0 mg/ml (6,000 ppm)	231
ThioTepa, 10.0 mg/ml (10,000 ppm)	199

SAMPLE CHARACTERISTICS:

Table 4. Thickness characteristics for the tested: Lot Number MED202102.

Testing Drug	Thickness (mm)			Average (mm)
	Sample 1	Sample 2	Sample 3	
Busulfan	0.074	0.069	0.063	0.069
Carboplatin	0.070	0.064	0.065	0.066
Carmustine	0.068	0.065	0.068	0.067
Cyclophosphamide (Cytoxan)	0.072	0.064	0.065	0.067
Doxorubicin HCl	0.066	0.064	0.069	0.067
Etoposide	0.063	0.066	0.065	0.065
5-Fluorouracil	0.066	0.068	0.062	0.065
Paclitaxel	0.074	0.063	0.067	0.068
ThioTepa	0.067	0.068	0.067	0.067
Weight/Unit Area (g/m ²)	61.0			

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NOTE: Non-ISO 17025 accredited test methods are designated with the * symbol to differentiate from ISO 17025 accredited methods in the body of the test report.*

RESULTS:

Table 5. Permeation Test Results on testing of Lot Number MED202102.

TEST CHEMOTHERAPY DRUGS	AVERAGE BREAKTHROUGH DETECTION TIME (Specimen1/2/3) (Minutes)	AVERAGE STEADY STATE PERM. RATE (Specimen1/2/3) ($\mu\text{g}/\text{cm}^2/\text{minute}$)	OTHER OBSERVATIONS
Busulfan, 6 mg/ml (6,000 ppm)	>240 min.	N/A	Slight swelling and no degradation
Carboplatin, 10 mg/ml (10,000 ppm)	>240 min.	N/A	Slight swelling and no degradation
Carmustine (BCNU), 3.3 mg/ml (3,300 ppm)	22.2 (22.2,22.9,22.3)	0.6 (0.5,0.6,0.6)	Moderate swelling and no degradation
Cyclophosphamide (Cytosan), 20.0 mg/ml (20,000 ppm)	>240 min.	N/A	Slight swelling and no degradation
Doxorubicin HCl, 2.0 mg/ml (2,000 ppm)	>240 min.	N/A	Slight swelling and no degradation
Etoposide, 20.0 mg/ml (20,000 ppm)	>240 min.	N/A	Slight swelling and no degradation
5-Fluorouracil, 50.0 mg/ml (50,000 ppm)	>240 min.	N/A	Slight swelling and no degradation
Paclitaxel, 6.0 mg/ml (6,000 ppm)	>240 min.	N/A	Moderate swelling and no degradation
ThioTepa, 10.0 mg/ml (10,000 ppm)	67.0 (84.6,67.0,68.2)	0.7 (0.7,0.6,0.9)	Slight swelling and no degradation

SAMPLES RECEIVED:
Lot Number MED202102

Appendix

Decision Rules

Rule 1. This is the way test results have traditionally been reported by ARDL. If ARDL runs a test for you that has pass/fail requirements, ARDL will report the values observed and then state "Pass" or "Fail", based on those values only. By default, ARDL will apply this rule to all Category I tests and those tests which are not on ARDL's Scope of Accreditation.

Rule 2. This rule takes into account the calculated measurement uncertainty of test results generated. Every test and piece of test equipment has an inherent amount of measurement uncertainty associated with it. Rule 2 establishes "Guard Bands", where the measurement uncertainty value is added to the Minimum Passing requirement and is subtracted from the Maximum Passing requirement. The Pass/Fail requirements thus become tighter and customers may be more "Certain" of their Pass/Fail result.

Rule 3. This rule also takes into account measurement uncertainty but does not set up guard bands. Rule 3 may be used when values are reported, but there is no Pass/Fail requirement called out in the test specification. Rule 3 simply states that the measurement uncertainty is reported to the customer, along with the testing result generated, and the customer decides if the results are suitable for their purposes.


REPORT REVISIONS:

<u>DATE</u>	<u>REVISION #</u>	<u>DETAILS</u>
03/16/2021	N/A	Original Final Report

Prepared By:


Tiffany Heller
Manager, Pharmaceutical Services

Approved By:


Ana C Barbur, M.S.
Vice President, Analytical & Chemical Services



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检测
TESTING
CNAS L3068

Test Report

Report No.: CTT2011010828EN

Page 1 of 4

Applicant: GLOBAL TOOLING SERVICE S.R.O
Address: 401 BUILDING A 4TH FLOOR, DONGGUAN GUANGDONG CHINA 523000

Sample Received Date: Nov. 06, 2020
Completed Date: Nov. 11, 2020
Report Date: Nov. 12, 2020

The following merchandise was (were) submitted and identified on behalf of the applicant as:

Sample Name: Nitrile Examination glove
Model No.: MD 0120
Sample Color: Blue
Sample Quantity: 10 pcs
Manufacturer: Dongguan Grinvald Technology Co.,Ltd.
Brand: MEDCARE

Test Result(s): Please refer to next page(s).

Test Requested and Conclusion(s):

No.	Standard and Requirement	Conclusion(s)
1	GB 4806.11-2016 National food safety standard rubber materials and products for food contact - Overall Migration - Heavy metal (express as Pb) - Potassium permanganate consumption	PASS

Organization:

Wan ting. Wu

To examine:

Long

Signed for and on Behalf of CTT:

Hilary He

Hilary He
Technical Manager



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Dongguan Grinvald Testing Technology Co., Ltd.

No.7, Gangye Beid Road, Songshanhu High-Tech Industrial Development Park, Dongguan, Guangdong, China.
Tel: 86-0769-8898 9848 Fax: 86-0769-8898 8808 Hot Line: 400 6789 666
Website: <http://www.cttlab.com> Email: enquiry@cttlab.com



Test Result(s):

Overall Migration - GB 4806.11-2016; National Food Safety Standard Food contact rubber articles

Method: GB 31604.8-2016

Material No.	Test Condition	Reporting Limit (mg/dm ²)	Limit (mg/dm ²)	Result (mg/dm ²)	Conclusion
1	10% Ethanol(v/v), 70℃, 2h	3	10	N.D.	PASS
	20% Ethanol(v/v), 70℃, 2h	3	10	N.D.	
	4% Acetic acid(v/v), 70℃, 2h	3	10	N.D.	

NOTE: 1. mg/dm² = milligram per square decimeter.
2. N.D. = Not Detected (Less than Reporting Limit).

Test Result(s):

Heavy metal (express as Pb) - GB 4806.11-2016; National Food Safety Standard Food contact rubber articles

Method: GB 31604.9-2016

Material No.	Test Item	Reporting Limit (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
1	Heavy metal (express as Pb)	1	1	N.D.	PASS

NOTE: 1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than Reporting Limit).
3. Test condition: 4% Acetic acid(v/v), 60℃, 0.5 hours.



Test Result(s):

Potassium permanganate consumption - GB 4806.11-2016; National Food Safety Standard Food contact rubber articles

Method: GB 31604.2-2016

Material No.	Test Item	Reporting Limit (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
1	Potassium permanganate consumption	1	10	N.D.	PASS

NOTE: 1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than Reporting Limit).
3. Test condition: distilled water, 60℃, 0.5 hours.

Test Material List

Material No.	Sample Description	Location
1	Blue rubber	Glove



Photo of Sample:



End of Report



QUALITY MANAGEMENT SYSTEM CERTIFICATE

This is to Certify that the QUALITY MANAGEMENT SYSTEM of
DONGGUAN GRINVALD TECHNOLOGY CO., LTD.

Registered Address: 401, Building#3, No.4 of Guangming New Village 2 Road, Dongcheng, Dongguan
City, Guangdong Province, China

Audit Address: 401, Building#3, No.4 of Guangming New Village 2 Road, Dongcheng, Dongguan City,
Guangdong Province, China

has been assessed by DCI Certification Service
and found to comply with

GB/T 19001-2016 idt ISO9001:2015

for the

Sales of plastic products, hardware accessory, hardware molding, shoes

Certificate Number: 190760
Unified Social Credit Code: 91441900MA5199MT80
Initial Certification: 28 Aug. 2019
Issue/Reissue Date: 29 Oct. 2020
Certificate Expiry: 27 Aug. 2021

Certification Manager



Please scan QR code to check
the certificate validity and
Acquire necessary certification
public documents.

Recertification Date: 26 Aug. 2022

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