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QDHL2011012172MD

Test Report

Report No.: QDHL2011012172MD

Sample Description: NON-STERILE NITRILE POWDER-
FREE EXAMINATION GLOVES

Applicant: NEOMEDIC LIMITED

Test Type: SUBMITTED BY CLIENT

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Page 1 of 8

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Sample information	Sample Description	NON-STERILE NITRILE POWDER- FREE EXAMINATION GLOVES	Color	BLUE
	Received sample quantity/ Tested sample quantity	300PCS/ 243PCS	Type/ Specifications	NOT PROVIDED
	Lot No.	20201005	Lot Quantity	NOT PROVIDED
	Manufacture Date	NOT PROVIDED	Expiration Date	NOT PROVIDED
	Material/Appearance	NOT PROVIDED	Storage Condition	NOT PROVIDED
	Manufacturer	NEOMEDIC LIMITED		
	Applicant	NEOMEDIC LIMITED		
Client information	Applicant address	UNIT 2, LEAVESDEN LODGE, 1A LEAVESDEN ROAD, WATFORD WD24 5FR, UNITED KINGDOM		

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Page 2 of 8

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Test information	Sample Receiving Date	NOV.24,2020	Test Period Date	NOV.24,2020 TO DEC.10,2020
	Sample No.	QDHL2011012172MD (TAOHG2005368901)	Test environment	Meet requirement
	Test items	Water tightness test, Dimensions(Length, Width), Tensile strength (Force at break, Force at break after challenge testing), Chemicals*, Removable surface powder, Proteins, leachable*		
	Testing Accordance	EN 455-1:2020 Medical Gloves for Single Use – Part 1: Requirements and Testing for Freedom from Holes Clause 5.1 EN 455-2:2015 Medical Gloves for Single Use – Part 2: Requirements and Testing for Physical Properties Clause 4.2,4.3,5.2,5.3 EN 455-3:2015 Medical Gloves for Single Use – Part 3: Requirements and Testing for Biological Evaluation Clause 4.2*,4.4,4.5*		
Test conclusion	This report only provides the test results, conclusion please see follow pages. Issue date: DEC.10,2020			
Remark	/			

Approver: *Jessica Guo* Auditor: *Jessica Guo* Compiler: *Lillian Zhao*
 Date: *2020.12.10* Date: *2020.12.10* Date: *2020.12.10*

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Page 3 of 8

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Sample Photo



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Page 4 of 8

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Test Results

Test Items		Unit	Test Method	Test Result
Water tightness test		/	EN455-1: 2020 Clause 5.1	Found: 0
Dimensions	Length	mm	EN 455-2: 2015 Clause 4.2	See appendix 1 for details
	Width	mm	EN 455-2: 2015 Clause 4.3	
Tensile strength	Force at break	N	EN 455-2: 2015 Clause 5.2	See appendix 2 for details
	Force at break after challenge testing	N	EN 455-2: 2015 Clause 5.3	
Chemicals*		/	EN 455-3: 2015 clause 4.2	See appendix 3 for details
Removable surface powder		mg	EN 455-3: 2015 Clause 4.4 EN ISO 21171: 2006	1.38
Proteins, leachable*		µg/g	EN 455-3: 2015 clause 4.5	Not detected (Method Detection Limit: 10)

Appendix 1: Dimensions

Size	M	
No.	Length (mm)	Width (mm)
1	253	96
2	250	96
3	250	95
4	247	95
5	254	95
6	245	96
7	247	95
8	247	95
9	245	95
10	245	95
11	248	95
12	246	95
13	247	95
Median value	247	95

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Page 5 of 8

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Appendix 2: Tensile strength

Size: M			
Force at break (N)			
Before aging		After aging	
No.	/	No.	/
1	6.6	1	6.0
2	6.8	2	7.1
3	5.6	3	5.8
4	6.8	4	6.2
5	6.9	5	5.9
6	6.1	6	6.5
7	6.7	7	6.0
8	6.5	8	5.8
9	5.9	9	6.5
10	6.2	10	5.6
11	6.7	11	5.9
12	6.3	12	6.7
13	6.0	13	6.1
Median value	6.5	Median value	6.0

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Page 6 of 8



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Appendix 3: Chemicals*

Name	Cas No.	Concentration	Classification & Labelling
Information on ingredients of product:			
2-Propenoic acid, polymer with 1,3-butadiene and 2-propenenitrile	25265-19-4	90.25%	No results found
Sulfur	7704-34-9	3.14%	⚠ Skin Irrit. 2, H315.
Zinc oxide	1314-13-2	0.90%	No adverse health effects
Zinc bis(dibutyldithiocarbamate)	136-23-2	1.37%	⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335.
Potassium hydroxide	1310-58-3	1.71%	⚠ Skin Corr. 1A, H314; ⚠ Acute Tox. 4, H302.
Titanium dioxide	13463-67-7	2.26%	⚠ Carc. 2, H351 (Inhalation).
29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper	147-14-8	0.37%	No adverse health effects
Information on other substances used in manufacturing process:			
Not provided			

The classification is according to the latest edition of Regulation (EC) No 1272/2008, and extended by company and literature data

Remarks:

1. Finish of gloves: Powdered-free (As per client's requirement)
2. * Test items were not included in the CNAS accredited schedule for our laboratory.
3. The declaration of conformity is only based on the actual value of laboratory activity, measurement uncertainty of the results not take into account.

End of Report

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Page 7 of 8

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