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QDHL2101000673MD

# Test Report

Report No.: QDHL2101000673MD

Sample Description: NITRILE GLOVES

Applicant: CHANGZHOU XINGRONG  
MEDICAL TECHNOLOGY CO. LTD

Test Type: SUBMITTED BY CLIENT

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## Test Report

Sample information	Sample Description	NITRILE GLOVES	Color	BLUE
	Received sample quantity/ Tested sample quantity	S/L/XL: 20PCS, M: 300PCS/ S/L/XL: 15PCS, M: 235PCS	Type/ Specifications	S/M/L/XL
	Lot No.	NOT PROVIDED	Lot Quantity	NOT PROVIDED
	Manufacture Date	2020/12/10	Expiration Date	2022/12/10
	Material/ Appearance	NITRILE	Storage Condition	NOT PROVIDED
	Manufacturer	CHANGZHOU XINGRONG MEDICAL TECHNOLOGY CO. LTD		
Client information	Applicant	CHANGZHOU XINGRONG MEDICAL TECHNOLOGY CO. LTD		
	Applicant address	NO. 528, DAQIAOTOU, CHAOYANG CUNWEI, HENGSHANQIAO TOWN, ECONOMIC DEVELOPMENT DISTRICT, CHANGZHOU		

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Test information	Sample Receiving Date	DEC.31,2020	Test Period Date	DEC.31,2020 TO JAN.19,2021
	Sample No.	QDHL2101000673MD	Test environment	Meet requirement
	Test items	Water tightness test, Dimensions(Length, Width), Tensile strength (Force at break, Force at break after challenge testing), Removable surface powder		
	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 4.4		
Test conclusion	This report only provides the test results and individual judgment, conclusion please see follow pages.  Issue date: JAN.21,2021			
Remark	THE TEST RESULTS WERE TRANSFERRED FROM TEST REPORT NO. QDHL2012014065MD DATE: JAN.19,2021			

Approver: *Jessica Bu* Auditor: *Jessica Bu* Compiler: *Lillian Zhao*Date: *2021.01.21* Date: *2021.01.21* Date: *2021.01.21*

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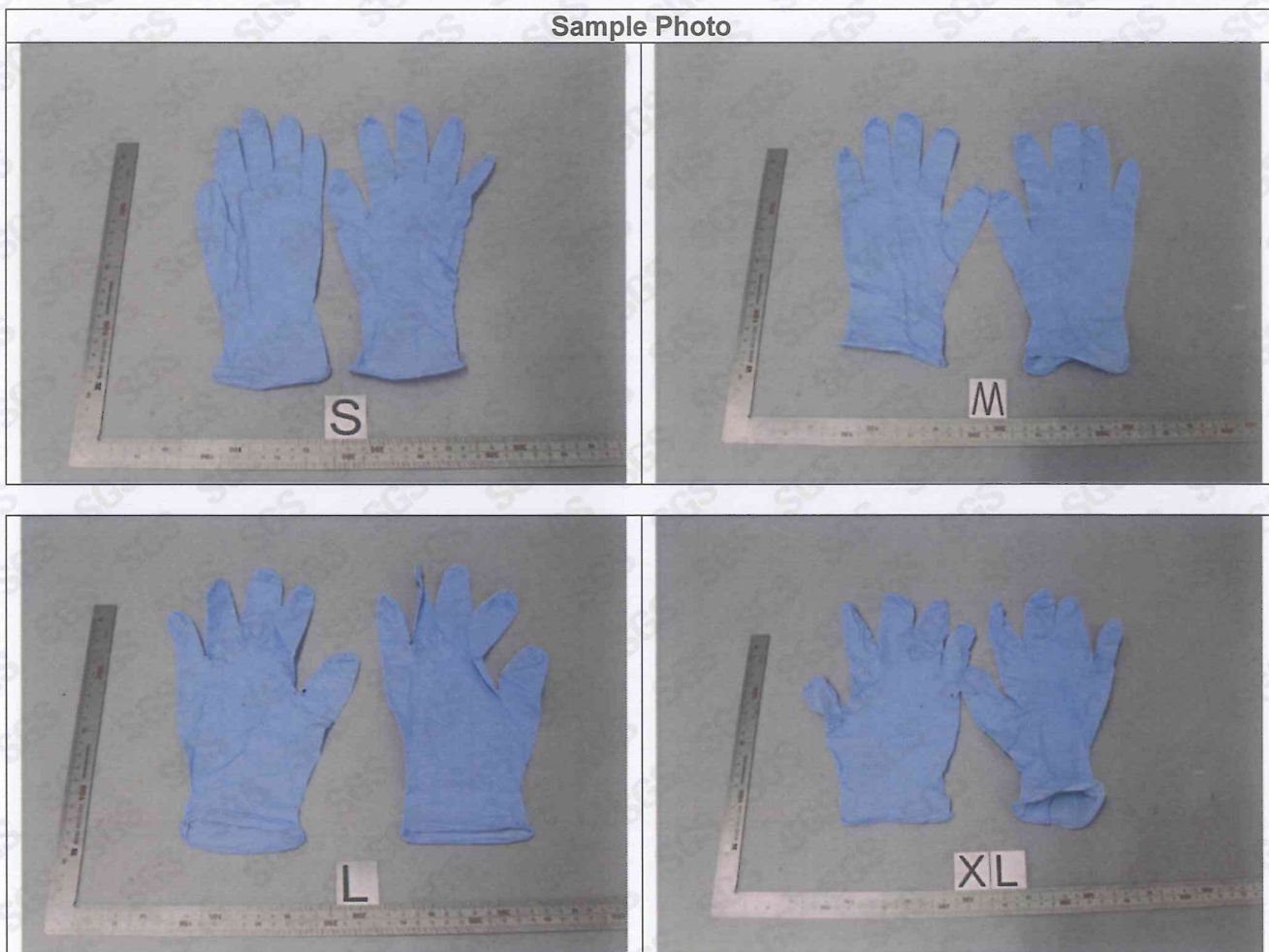
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## Sample Photo



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## Test Results

Test Items		Unit	Test Method	Requirement	Test Result	Assessment
Water tightness test (For size M only)		/	EN 455-1: 2020 Clause 5.1	Sample quantity: 200PCS AQL: 1.5 Ac: 7 Re: 8	Found: 0	Pass
Dimensions (For size S,M,L,XL)	Length	mm	EN 455-2:2015 Clause 4.2	Median value: S: $\geq 240$ M: $\geq 240$ L: $\geq 240$ XL: $\geq 240$	See appendix 1 for details	Pass
	Width	mm	EN 455-2:2015 Clause 4.3	Median value: S: $80 \pm 10$ M: $95 \pm 10$ L: $110 \pm 10$ XL: $\geq 110$		Pass
Tensile Strength (For size M only)	Force at break	N	EN 455-2:2015 Clause 5.2	Median value: b): $\geq 6.0$	See appendix 2 for details	Pass
	Force at break after challenge testing	N	EN 455-2:2015 Clause 5.3	Median value: b): $\geq 6.0$		Pass

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Test Items	Unit	Test Method	Requirement	Test Result	Assessment
Removable Surface Powder (For size M only)	mg	EN 455-3: 2015 Clause 4.4 EN ISO 21171:2006	$\leq 2$	0.50	Pass

## Appendix 1: Dimensions

Size	S	
No.	Length (mm)	Width (mm)
1	242	88
2	244	88
3	241	86
4	240	86
5	240	86
6	240	86
7	240	87
8	243	86
9	244	86
10	244	87
11	240	86
12	242	86
13	242	87
Standard requirement	$\geq 240$	80 $\pm$ 10
Median value	242	86

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Size	M	
No.	Length (mm)	Width (mm)
1	246	97
2	245	96
3	252	96
4	249	97
5	248	96
6	253	96
7	248	96
8	245	96
9	250	96
10	247	96
11	247	96
12	245	96
13	247	96
Standard requirement	≥240	95±10
Median value	247	96

Size	L	
No.	Length (mm)	Width (mm)
1	240	106
2	241	105
3	246	106
4	245	105
5	245	105
6	243	105
7	242	105
8	246	106
9	243	105
10	243	106
11	243	106
12	245	107
13	248	106
Standard requirement	≥240	110±10
Median value	243	106

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Size	XL	
No.	Length (mm)	Width (mm)
1	249	120
2	247	118
3	245	120
4	242	120
5	241	115
6	245	114
7	243	116
8	247	119
9	246	117
10	245	119
11	243	120
12	245	119
13	242	120
Standard requirement	≥240	≥110
Median value	245	119

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## Appendix 2: Tensile Strength

Size: M			
Force at break (N)			
Before aging		After aging	
No.	/	No.	/
1	6.7	1	6.2
2	6.7	2	6.4
3	6.5	3	7.3
4	6.3	4	6.3
5	5.5	5	5.9
6	6.0	6	6.1
7	6.5	7	6.0
8	6.9	8	5.4
9	5.4	9	6.5
10	6.9	10	5.9
11	6.6	11	6.2
12	6.6	12	6.3
13	6.8	13	5.7
Standard requirement	≥6.0	Standard requirement	≥6.0
Median value	6.6	Median value	6.2

## Remarks:

1. Finishes of gloves: Powdered-free gloves. (As per client's requirement)
2. 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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