



DATE: 25/01/2019

SHHL1811067692SD

TEST REPORT

# Report No. : CH:TX:1042003833

LYNCMED MEDICAL TECHNICAL (BEIJING)CO.LTD ROOM 119, FLOOR 1, GUOTOUSHANGKE BUILDING NO 111, SOUTH HUIHE R CHINA

A/C F619301 SGS-CSTC STANDARDS TECHNICAL SERVICES (SHANGHAI) CO., LTD. CONTACT PERSON :

#### THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS : SAMPLE DESCRIPTION GLOVES

STYLE NO. PHOTO APPENDIX. LATEX GLOVE M



#### SAMPLE RECD ON

/2019 **TESTING PERIOD** : 22/01/2019 – 25/01/2019

	Summary of Test Results/Conclusion			
Test Method / Standard	Clause/Test Name	Status / Performance Level		
	Protective gloves against chemicals and micro-organisms pentration	s:Determination of resistance		
EN 374-2:2014	Clause 4.1 – Air leak test	Pass		
	Clause 4.2 – Water leak test	Pass		
EN 16523-1:2015	Permeation by Liquid chemical under conditions of continuous contact.			
	Methanol	Level - 0		
EN 374-4:2013	Resistance to Degradation by Chemicals			
	Methanol	Refer results.		

Per pro SGS India Private Ltd.

K. Dan

K. PACHAIYAPPAN ASST. MANAGER Email your Test Report Related Enquiries at <u>Feedback.SLT@sgs.com</u>

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## RESULTS

EN 374-2 : 2014 Protective gloves against chemicals and micro-organisms – Part-2: Determination of resistance pentration

Clause	Test Name	Test Results		Performance level	
4.1	Air leak Test (Air Pressure Used : 0.5	Specimen #	Leakage		
	kPa)	Size M	No Leakage		
		Size M	No Leakage	Pass	
		Size M	No Leakage		
		Size M	No Leakage		
		Size M	No Leakage		
4.2	Water leak test	Specimen #	Leakage		
		Size M	No Leakage		
		Size M	No Leakage	Pass	
		Size M	No Leakage		
		Size M	No Leakage		
		Size M	No Leakage		

### EN 16523-1:2015 Determination of material resistance to permeation by chemicals – Part-1: Permeation by Liquid chemical under conditions of Continuous contact.

Chemical CAS NO	Loop system/collection medium	Analytical technique used	Mean thickness (mm)	NBT at NPR 1.0 µg cm <sup>-2</sup> min <sup>-1</sup> (minutes)	Performance level accordance to EN ISO 374-1: 2016 Table 1	Observation
Methanol 67-56-1	Open loop/ Nitrogen	Continuous measurement With GC-FID	0.10 0.10 0.11	<1 <1 <1	Level - 0	Severe swelling

EN ISO 374-1:2016 – Protective gloves against dangerous chemicals and micro-organisms. Part 1: Terminology and performance requirments 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 results achived per chemical

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### EN 374-4:2013 Protective Gloves against Chemicals and Micro Organisms – Determination of resistance to degradation by chemicals

Chemical / CAS NO	Exposure Duration	Test Results Percentage change in puncture resistance		Observation
Methanol 67-56-1	60±5 minutes	Glove sample	Result (%)	
		1	36.6	
		2	30.2	
		3	31.8	Severe swelling
		Mean	32.9	
		Standard Deviation	3.336	

\*\*\*\*\* End of Report\*\*\*\*\*

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