

### **TEST REPORT**

Report No. : CH:TX:1342032506 DATE : 12/07/2022

**CEPHAS MEDICAL PRIVATE LIMITED** 

DP 33, 34, 46 & 47, SIDCO INDUSTRIAL ESTATE (URBAN)

VIRUDHUNAGAR-626103

**INDIA** 

**CONTACT PERSON**: C.R SARAVANAN

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

SAMPLE DESCRIPTION

GLOVES

NITRILE FLOCKLINED GLOVES

COLOUR STYLE NO.

PHOTO APPENDIX.

GREEN CND-15



SAMPLE RECD ON

29/06/2022

TESTING PERIOD: 29/06/2022 - 12/07/2022

Summary of Test Results/Conclusion						
Test Method / Standard	Clause/Test Name	Status / Performance Level				
EN 16523-1:2015+A1.2018	Permeation by Liquid chemical under conditions of continuous contact.					
	Methanol	Level - 2				

Per pro SGS India Private Ltd.

R. KAMALAKANNAN ASSISTANT MANAGER

Email your Test Report Related Enquiries at Feedback.SLT@sgs.com

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## RESULTS

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.

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+A1:2018 Table 1	Observation
Methanol 67-56-1	Open loop/ Nitrogen	Continuous measurement With GC-FID	0.45 0.46 0.46	46 47 49	Level - 2	Slight swelling

EN ISO 374-1:2016+A1:2018 - 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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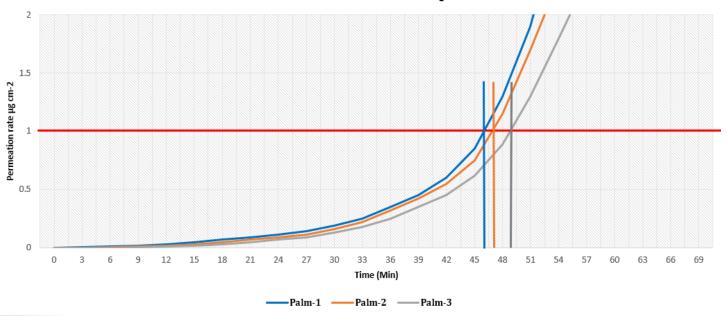




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# RESULTS

## **Methanol Permeation Graph**



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