

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 GREEN
STYLE NO. CND-15
PHOTO APPENDIX.



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



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 ⁻² min ⁻¹ (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 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

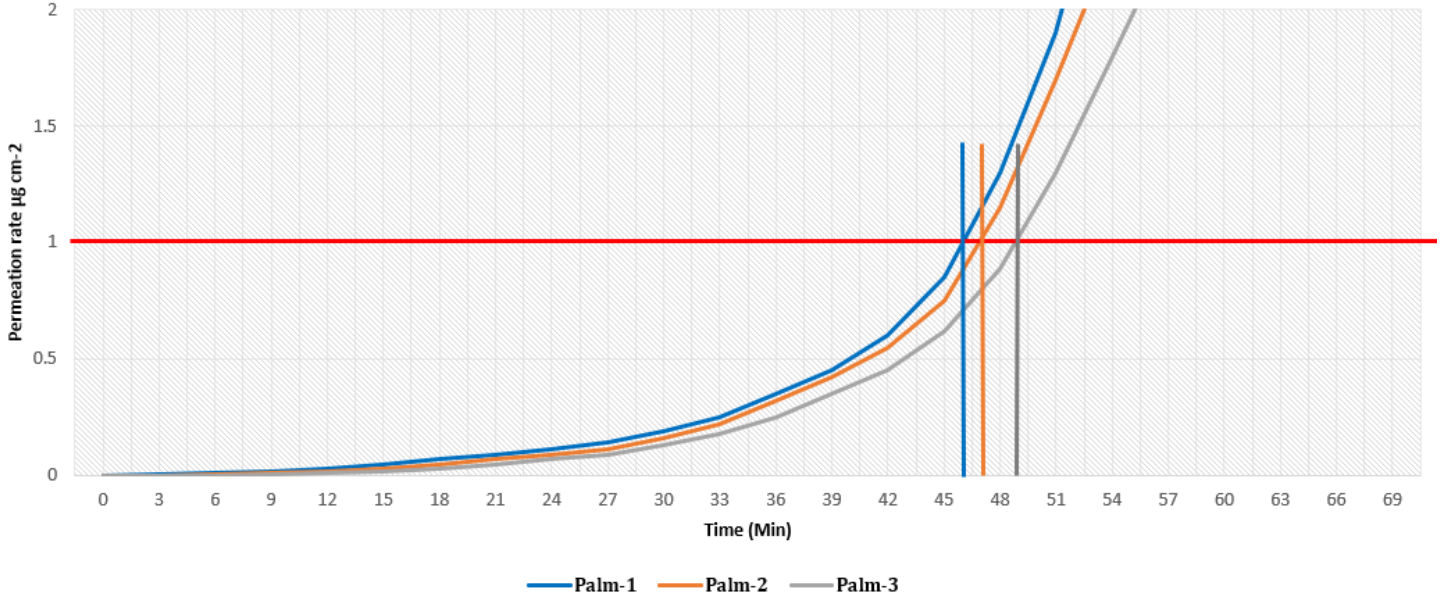
Performance levels are based on the lowest individual results achieved per chemical

***** End of page*****



RESULTS

Methanol Permeation Graph



***** End of report*****