

# TEST REPORT: 7191143339-CHM16-01-RC

Date: 28 JUL 2016

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## **SUBJECT**

Bacteriophage Penetration Test of Gloves

## **CLIENT**

Top Glove Sdn Bhd  
Lot 4969, Jalan Teratai Batu 6,  
Off Jalan Meru,  
41050 Klang  
Selangor D. E.,  
Malaysia

Attn : Ms. Azizi Rasidah

## **SAMPLE SUBMISSION DATE / TEST DATE**

05 Jul 2016 / 18 Jul 2016

## **DESCRIPTION OF SAMPLE**

1 sample of gloves was received.

Type of Product	Qty (pcs)	Reference No.
Nitrile Examination Powder Free Glove	10	RA/136/007/2016/E

## **METHOD OF TEST**

ASTM F 1671-13, "Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Blood-Borne Pathogens Using Phi-X 174 Bacteriophage Penetration as a Test System"

Specimen Exposure Procedure B

Test specimens, each of dimensions 75 mm square were cut for the tests.

Tests were performed in triplicates.



TÜV SÜD PSB

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**RESULTS****Control Tests**

Control Test	Detection of Phi-X174 Bacteriophage
Airborne Contamination Control Tests	Settle plates each found to have Less than 1 PFU per plate
Negative Control	Less than 1 PFU per ml of assay fluid
Positive Control	Bacteriophage challenge suspension penetrated positive control test specimen

**Test Specimens**

Test Specimens (Triplicates)	Titer of Bacteriophage challenge suspension used (PFU/ml)	Detection of Phi-X174 Bacteriophage in assay fluid from the surface of sample (PFU/ml)	Pass / Fail
<u>Nitrile Examination Powder Free Glove</u>			
#1	360 000 000	Less than 1	Pass
#2	340 000 000	Less than 1	Pass
#3	380 000 000	Less than 1	Pass

**Notes:**

PFU : Plaquer Forming Unit

**MS AW HWEE YING**  
TECHNICAL EXECUTIVE**MR RANDY CHIN KOK FEI**  
ASSISTANT PRODUCT MANAGER  
MICROBIOLOGY  
CHEMICAL & MATERIALS

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