

# TÜV SÜD PSB TEST REPORT

*JIS L 1902 : 2015 – “Textiles – Determination of antibacterial activity and efficacy of textile products”*

TEST REPORT: 7191232782-CHM20-01-RCE

DATE OF TEST: 11 MARCH 2020

**Dry Residual Inactivation Efficacy Against Enveloped Viruses And Bacteria at 24 hours - 99.9999987%**

**LEGIONELLA-X VIRAL-OFF**

## TEST REPORT: 7191232782-CHM20-01-RC

Date: 11 MAR 2020 Tel: +65 68851345 Fax: +65 67732912

Client's Ref: - Email: Randy.CHIN@tuv-sud-psb.sg

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PSB Singapore

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### SUBJECT

Antibacterial Activity Evaluation

### CLIENT

Magna International Pte. Ltd.  
10H Enterprise Road  
Singapore 629834

Attn : Nelson Cheng

### SAMPLE SUBMISSION DATE / TEST DATE

20 Feb 2020 / 26 Feb 2020

### DESCRIPTION OF SAMPLE

One sample of "Legionella-X Viral Off Hospital Grade Disinfectant for Inactivating Bacteria and Enveloped Viruses on Impregnated Disposal Masks made from both Hydrophobic and Hydrophilic Materials" was received.

### METHOD OF TEST

Based on JIS L 1902 : 2015 – "Textiles – Determination of antibacterial activity and efficacy of textile products"

Test microorganisms:

*Klebsiella pneumoniae* (ATCC 4352)  
*Staphylococcus aureus* (ATCC 6538P)

Test Procedure: Absorption Method

Test Piece: 3cm x 3cm of the outer layer of the mask

Sample Preparation: Test piece was soaked in 5ml of disinfectant and dried

Inoculation volume: 0.2 ml

Control (Blank) : Control Fabric



TÜV SÜD PSB

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11 MAR 2020

**RESULTS**

Test microorganism (Bacterial cells inoculated per test piece)	Average of the number of viable cells of test microorganism per test piece		Antibacterial Activity Value (Criteria: <b>Not Less than 2.0</b> )
	0 hour	24 hours	
<i>Klebsiella pneumoniae</i> (ATCC 4352)	37 000	13 000 000	-
Control (Blank)			
Legionella-X Viral Off Hospital Grade Disinfectant for Inactivating Bacteria and Enveloped Viruses on Impregnated Disposal Masks made from both Hydrophobic and Hydrophilic Materials	Less than 20	Less than 20	More than 5.82

Test microorganism (Bacterial cells inoculated per test piece)	Average of the number of viable cells of test microorganism per test piece		Antibacterial Activity Value (Criteria: <b>Not Less than 2.0</b> )
	0 hour	24 hours	
<i>Staphylococcus aureus</i> (ATCC 6538P)	29 000	13 000 000	-
Control (Blank)			
Legionella-X Viral Off Hospital Grade Disinfectant for Inactivating Bacteria and Enveloped Viruses on Impregnated Disposal Masks made from both Hydrophobic and Hydrophilic Materials	Less than 20	Less than 20	More than 5.82

[www.legionellax.com](http://www.legionellax.com)  
*hospital grade disinfectants*

**Magna**

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Quality Management System



Environmental Management System



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