

## ISO 18184:2019 Textiles- Determination of antiviral activity of textile products

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Angela Davies, CEO

Customer: LAVA Textiles  
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Address:  
PO/Quote number: Q002704  
Report Date: 05/06/2020  
Issue Number: 1



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Laboratory Manager



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Test information		Deviation
Name of Product	Test 1 – M.Victoria Viroclean – 12% VI 88% PES Test 2 – M.Milan Viroclean – 100% PES	
Batch Number & Expiry Date	Test 1 – 719171 Test 2 – 719214	
Date of Delivery	13/05/2020	
Period of Analysis	25/05/20-01/06/2020	
Manufacturer / Supplier	Lava Textiles	
Storage Conditions	Ambient	
Appearance of the Product	Test – off white fabric Control – Pale pink fabric	
Neutralisation Method	Dilution	
Product Diluent	N/A	
Test Concentrations	Neat as supplied	
Test Temperature	25°C $\pm$ 1°C	
Temperature of Incubation	37°C $\pm$ 1°C	
Identification of the Viral Strains:	Feline corona virus, Strain Munich	
Contact Times	2 hours, 4 hours (Sample 1 and 2 )	

## Test Result Summary

The test fabrics provided showed the following log reductions when tested against Feline coronavirus:

Test 1 – 2 hours 1.17 log (93.20%) 4 hours 1.83 log (98.53%)

Test 2 – 2 hours 1.03 log (90.63%) 4 hours 1.68 log (97.91%)

The test results on this report refer only to the items tested as supplied by the customer. This report shall not be reproduced except in full and with written approval of Microbiological Solutions Ltd. All reports are archived for a minimum of 2 years.

The sample will be retained for 1 month unless otherwise requested in writing.

	Feline coronavirus	COVID-19 (SARS—CoV2)
Realm	Riboviria	Riboviria
Order	Nidovirales	Nidovirales
Family	Coronaviridae	Coronaviridae
Genus	Alphacoronavirus	Betacoronavirus
Species	Alphacoronavirus 1	COVID-19

The members of the family Coronaviridae are enveloped and have a positive sense RNA genome. Coronaviruses have a distinct morphology with an outer 'corona' of embedded envelope spikes. These viruses cause a broad spectrum of animal and human disease.

Andrew M.Q. King, Michael J. Adams, Eric B. Carstens, and Elliot J. Lefkowitz 'Virus Taxonomy, Classification and Nomenclature of Viruses, Ninth Report of the International Committee on Taxonomy of Viruses' 2012 ISBN 9780123846846