

Quantitative suspension test for evaluation of virucidal activity in the medical area (Phase 2 Step1)

For Screening Purposes Only

Microbiological Solutions Limited (MSL)
Gollinrod, Walmersley, Bury, BL9 5NB, UK

Angela Davies, CEO

Customer: Forcefield
Contact name: Brett Millynn
Email: brett@yourforcefield.com
Address:
PO/Quote number: Q002631
Report Date: 27/05/2020
Issue Number:1



Megan Barrett
Laboratory Manager



Peter Thistlethwaite
Technical Projects Manager

| Test information | |
|--------------------------------------|-----------------------------------|
| Name of Product | Forcefield 4 in 1 disinfectant |
| Batch Number & Expiry Date | 200401 |
| Date of Delivery | 01/05/2020 |
| Period of Analysis | 14/05/2020-21/05/2020 |
| Manufacturer / Supplier | Forcefield |
| Storage Conditions | Ambient |
| Appearance of the Product | Clear liquid |
| Neutralisation Method | Dilution |
| Product Diluent | Distilled water |
| Test Concentrations | Neat |
| Experimental Conditions | Clean |
| Interfering Substance | Clean 0.3g/l Bovine Albumin |
| Test Temperature | 20°C ± 1°C |
| Temperature of Incubation | 37°C ± 1°C |
| Identification of the Viral Strains: | Feline coronavirus, Strain Munich |
| Contact Times | 5 minutes ± 10s |
| Stability and Appearance During Test | No Change Observed |

Test Result Summary

The test product received has shown a log reduction of 4.08 against Feline coronavirus when tested under the conditions stipulated in this report.

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