

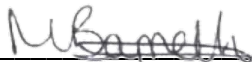
# Quantitative suspension test for evaluation of virucidal activity in the medical area (Phase 2 Step1)

## **For Screening Purposes Only**

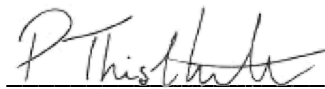
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Angela Davies, CEO

Customer: Nutrigain  
Contact name: Stuart G Whitehall  
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Address:  
PO/Quote number: Q002507  
Report Date: 10/06/2020  
Issue Number:1



Megan Barrett  
Laboratory Manager



Peter Thistlethwaite  
Technical Projects Manager

Test information	
Name of Product	Sporekill Spot
Batch Number & Expiry Date	N/S
Date of Delivery	17/04/2020
Period of Analysis	21/05/2020-28/05/2020
Manufacturer / Supplier	Nutrigain
Storage Conditions	Ambient
Appearance of the Product	Pale brown liquid
Neutralisation Method	Dilution
Product Diluent	Distilled water
Test Concentrations	<b>Neat</b>
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	2 minutes ± 10s
Stability and Appearance During Test	No Change Observed

**Test Result Summary**

**The test product received shown a log reduction of 4.29 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.

	<b>Feline coronavirus</b>	<b>COVID-19 (SARS-CoV2)</b>
<b>Realm</b>	Riboviria	Riboviria
<b>Order</b>	Nidovirales	Nidovirales
<b>Family</b>	Coronaviridae	Coronaviridae
<b>Genus</b>	Alphacoronavirus	Betacoronavirus
<b>Species</b>	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