

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

For Screening Purposes Only

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PO/Quote number: Q002090

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Issue Number:1



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Test information	
Name of Product	DY201 Antibacterial Bed Bath Wipes
Batch Number & Expiry Date	9203 BBE22/01/22
Date of Delivery	12 February 2020
Period of Analysis	19/02/2020-24/02/2020
Manufacturer / Supplier	Pearmine Health Ltd
Storage Conditions	Ambient
Appearance of the Product	White wipe
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	1 minute ± 5s
Stability and Appearance During Test	No Change Observed (Homogenous)

Test Result Summary

The test product DY201 Antibacterial Bed Bath Wipes has shown a log reduction of 4.13 when tested under the conditions stipulated in this report against Feline coronavirus.

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