

Test information	
Name of Product	Powerchem Sodium Hypochlorite 14/15%
Batch Number & Expiry Date	N/S
Date of Delivery	28/07/2020
Period of Analysis	10/08/2020-17/08/2020
Manufacturer / Supplier	Aquasantum/PoolSan Direct
Storage Conditions	Ambient
Appearance of the Product	Powerchem Sodium Hypochlorite 14/15% - Yellow liquid
Product pH	7.36
Neutralisation Method	Dilution
Product Diluent	Synthetic hard water
Test Concentrations	3ppm Chlorine
Experimental Conditions	Clean
Interfering Substance	Clean 0.3g Bovine Albumin
Test Temperature	28°C ± 1°C
Temperature of Incubation	37°C ± 1°C
Identification of the Viral Strains:	Feline coronavirus, Strain Munich
Contact Times	30 seconds ± 5s, 5 minutes & 15minutes ± 10s
Stability and Appearance During Test	No Change Observed (Homogenous)

Test Result Summary

The test product received has shown the following log reductions against Feline coronavirus, when tested under the conditions stipulated in this report:

Contact time	log TCID50	log reduction
30 seconds	3.75	3.33
5 minutes	3.50	3.50
15 minutes	2.75	4.00

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.