

Dated 24.03.2020

Antiviral Disinfectant Product – A Technical Statement on Proven Efficacy

The Antiviral Disinfectant Product (Product Code 800-277-0029) currently manufactured and distributed by Mirius Ltd. has necessarily been examined by a specialist UK virology laboratory operating independently to Mirius. The laboratory was commissioned in February 2020 to examine the antiviral performance (efficacy) of Mirius' Antiviral Disinfectant according to the appropriate International Standard Method. The laboratory's testing was intended specifically to allow an anti-coronavirus performance claim, should the results be favourable.

Details of the laboratory test

TEST METHOD: BS EN 14476:2013 + A2:2019 Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of virucidal activity in the medical area- Test method and requirements (Phase 2/Step 1)

TEST RESULTS: See following page

PRODUCT'S ANTIVIRAL EFFICACY: According to EN 14476:2013 + A2:2019, **Antiviral Disinfectant POSSESSES VIRUCIDAL** activity within **5 MINUTES** at **20°C** under **CLEAN** conditions (0.3 g/l bovine albumin) against *Vaccinia virus* VR-1549 Elstree strain / Vero cells.

This product therefore is effective against all enveloped viruses as defined in EN 14476:2013 + A2:2019. This therefore includes all coronaviruses and SARS-CoV-2.*

* SARS-CoV-2 is the currently designated label for the virus causing the coronavirus disease COVID-19.

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the new name for CoventryChemicals

EN14476:2013 + A2:2019 Suspension test for the efficacy of Antiviral Disinfectant, (Laboratory Reference - BT-COV-06-02) from Mirius Ltd. (Coventry Chemicals) against Vaccinia virus VR-1549 under clean conditions									
Summary Table									
Product	Interfering Substance	Concentration	Cytotoxicity	Log TCID ₅₀					>4.0 log reduction after 5 min
				0 min	5 min	15 min	30 min	60 min	
Antiviral Disinfectant	0.3g/l BSA	80%	2.50	2.50	2.50	n/a	n/a	n/a	>5 min
		50%	2.50	n/a	1.50	n/a	n/a	n/a	<5 min
		10%	2.50	n/a	3.83	n/a	n/a	n/a	>5 min
Virus Control	Clean			6.00	6.00	6.17	n/a	n/a	n/a
							5 min	15 min	
Formaldehyde	PBS	0.7% (w/v)	2.50				4.67	2.50	>60 min

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