Product Certification - EN1276

Virucidal Disinfectant Cleaner

Date of delivery: 21/05/2020

Microbiological Analysis Based on EN 1276 (2019)

Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics
(Phase 2 / Step 1)

Test laboratory
MGS Laboratories Ltd
Unit 2, Merlin Park
Airport Service Road
Portsmouth, Hampshire
PO3 5FU

Description of product:
Based on EN 1276 (2019), Hadron Virucidal Cleaner, when diluted at 1:10 (v/v) in hard water, possesses bactericidal activity in 5 minutes at 20°C under clean conditions for the referenced strains of P. aeruginosa, E. coli K12, S. aureus and E. hirae.

Micro Organism	Test Method	Conditions	Kill Rate	Dilution
Pseudomonas aeruginosa ATCC 15442	BS EN 1276	Clean	99%	1:10
Escherichia coli K12 ACTC 10538	BS EN 1276	Clean	99%	1:10
Staphylococcus aureus ATCC 6538	BS EN 1276	Clean	99%	1:10
Enterococcus hirae ATCC 10541	BS EN 1276	Clean	99%	1:10

Product Certification - EN14476

Virucidal Disinfectant Cleaner

Date of delivery: 09/06/2020

Microbiological Analysis Based on EN 14476

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

Test laboratory
Microbiological Solutions Limited (MSL)
Gollinrod
Walmersley
Bury
BL9 5NB

Test Information	
Neutralisation Method	Dilution
Product Diluent	Distilled water
Test Concentrations	1/10, 1/20
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:	Modified vaccinia virus Ankara (MVA), ATCC VR-1508 (enveloped claim only)
Contact Times	5 Minutes ±10s
Stability and Appearance During Test	No Change Observed

Test Result Summary
The test product received has achieved a 4-log reduction against Vaccinia virus when tested under the condition stipulated in this report.

Product Certification - EN1650

Virucidal Disinfectant Cleaner

Date of delivery: 21/05/2020

Microbiological Analysis Based on EN1650 (2019)

Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas - Test method and requirements (Phase 2 / Step 1)

Test laboratory
MGS Laboratories Ltd
Unit 2, Merlin Park
Airport Service Road
Portsmouth, Hampshire
PO3 5FU

Description of product:
Based on EN 1650:2019, the batch supplied of the product Craftex Micro Kill, when diluted at 1: 10 in hard water, possesses yeasticidal activity in 5 minutes at 20° C under clean conditions for the referenced strain of C. albicans; however, it does not possess fungicidal activity in 5 minutes for the referenced strain of A. brasiliensis under the same conditions.

Micro Organism	Test Method	Conditions	Kill Rate	Dilution
Candida albicans ATCC 10231	*BS EN 1650*	*Clean*	*99%*	*1:10*