Test Report EN14476 (PARVOVIRUS)

Test Laboratory

BluScientific Test Data

School of Life Sciences

Glasgow Caledonian University

GLASGOW G4 0BA

Identification of sample

Name of the product

Manufacturer

VIRUSOLVE+

AMITY LTD, LIBRA HOUSE, SPRING PARK,

CLAYBURN ROAD, PARK SPRINGS

BARNSLEY, S72 7FD, UK

23RD AUGUST 2007

ROOM TEMPERATURE

Hard Water Not known

Date of Delivery
Storage conditions
Product diluent
Active substances

Test Method and its validation

Method

I part interfering substance + 1 part virus suspension + 8 parts biocide were mixed and incubated at the indicated contact temperature for the indicated contact times. Assays were validated by a cytotoxicity control, virotoxcity control, neutralization cotrol and a formaldehyde

internal standard.

Neutralizer

Dulbecco's modified Eagles medium + 5% v/v Foetal

bovine serum.

Experimental Conditions

Period of analysis

Product diluent used Product test concentrations

Appearance product dilutions

Appearance product dilutions

Contact time

Test temperature

Interfering substance

Stability of mixture

Temperature of incubation

Identification of virus

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Sterile hard water

2.0 % V/V, 5.0 % V/V, 10.0 % V/V

Colourless, clear product solution

 $t = 5 \min \pm 10 s$; $t = 10 \min \pm 10 s$

20°C + 1°C

0.6 g/l foetal bovine serum

Precipitate absent throughout the test

37 °C + 1 °C

Bovine parvovirus (ATCC VR-767)

Test Result Conclusion.

VIRUSOLVE + when diluted at 5.0% (V/V) in hard water, possesses virucidal activity (> 4 Log₁₀ reduction) in ten minutes at 20°C under clean conditions (0,6 g/L protein as foetal bovine serum) for bovine parvovirus._

Signed

Dr Chris Woodall, Director, BluScientific Test Data, 10th MARCH 2008, Glasgow, UK.

BluScientific Test Data

EN14476 test results for the efficacy of VIRUSOLVE + disinfectant against parvovirus for AMITY LTD.

PARVOVIRUS	Virus recovery (0')	Virus recovery (5')	Cytotoxicity (10.0%)	2.0% V/V	5.0% V/V	10.0% V/V
	(TCID50/ml)	(TCID50/ml)	(TCID50/ml)	(TCID50/ml)	(TCID50/ml)	(TCID50/ml)
5 minutes	3.16E+08	3.16E+08	3.16E+03	6.76E+07	3.16E+07	2.14E+07
Log	8.50	8.50	3.50	7.83	7.50	7.33
Log difference				0.67	1.00	1.17
	Virus recovery (0')	Virus recovery (10')	Cytotoxicity (10.0%)	2.0% V/V	5.0% V/V	10.0% V/V
10 minutes	3.16E+08	3.16E+08	3.16E+03	1.48E+06	3.16E+04	3.16E+04
Log	8.50	8.50	3.50	6.17	4.50	4.50
Log difference		•		2.33	4.00	4.00

Stock virus: 1.48 x 109 TCID₅₀/ml

