

Test Report. Standard Test Method for Efficacy of Antimicrobial Agents Against Viruses in Suspension. Feline Leukaemia Virus.

Test Laboratory

BluScientific Test Data

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Identification of sample

Name of the product	SAFE 4
Manufacturer	SAFE SOLUTIONS LIMITED.
Date of Delivery	10.2.06
Storage conditions	Room temperature and darkness.
Product diluent	Sterile Hard Water
Active substances	No Known.

Test Method and its validation

Method	SAFE 4 was diluted and 0.8 ml mixed with 0.2 ml virus suspension (DMEM + 5% FBS); Dilution-neutralization. Virus CPE detected by antibody staining.
Neutralizer	Dulbecco's modified Eagles medium + 5% v/v foetal bovine serum at 4°C.

Experimental Conditions

Period of analysis	7th - 12th AUGUST 2006
Product diluent used	Sterile Hard Water
Product test concentrations	1.0 % V/V; 2.0 % V/V; 5.0 %V/V.

Contact times	5 minutes \pm 10s
Test temperature	20°C \pm 1°C
Interfering substance	0.6 g/l foetal bovine serum
Stability of mixture	Precipitate absent throughout the test
Temperature of incubation	37°C \pm 1°C + 5% CO ₂
Identification of virus	Feline Leukaemia virus ATCC VR - 717 (FEA cells).

Test Result (See table 1)

Conclusion.

SAFE 4 retains virucidal activity at 5 minutes, at 1 % V/V, (reduction in viral viability, 3.50 Log₁₀) contact at 20°C under clean conditions (0.6 g/L protein as foetal bovine serum) for suspensions of Feline Leukaemia Virus (ATCC VR - 717).

