

Test Report: EN 14476; Standard Test Method for Efficacy of Antimicrobial Agents against Viruses in Suspension modified for Feline Calicivirus (Human Norovirus surrogate)

Test Laboratory

BluTest Laboratories Ltd

Robertson Incubator (Level 4)
Robertson Building
56 Dumbarton Road
Glasgow
G11 6NU

Identification of sample

Name of the product
Batch Code
Supplier

SAFE 4 CATS

N/A
Safe Solutions Ltd, Wharton Green House, Bostock, Winsford,
Cheshire, CW7 3BD
BT-SAF-05
21 March 2011
Room Temperature
Not known

Project Code
Sample Delivery Date
Storage conditions
Active substances

Test Method and its validation

Method

A virus suspension of 0.1 ml was challenged with 0.8 ml of disinfectant agent in the presence of 0.1 ml of interfering substance. Column chromatography

Neutralization

Experimental Conditions

Period of analysis
Product diluent used
Product test concentrations
Appearance product dilutions
Contact time (minutes)
Test temperature
Interfering substance
Stability of mixture
Temperature of incubation
Identification of virus

23 to 29 March 2011
Sterile, hard water
5.0 % V/V
Clear product solution
 $t = 5 \pm 10$ s; $t = 15 \pm 10$ s; $t = 30 \pm 10$ s; $t = 60 \pm 10$ s
 $20^{\circ}\text{C} \pm 1^{\circ}\text{C}$
0.3g/l bovine serum albumin
Precipitate absent throughout the test
 $37^{\circ}\text{C} \pm 1^{\circ}\text{C}$
Feline calicivirus/CRFK cells (Human norovirus surrogate)

Conclusion

According to EN 14476, **SAFE 4 CATS** from Safe Solutions Ltd at a dilution of 1/20 (5.0% V/V) is virucidal (> 4.0 \log_{10} reduction) in 5 minutes at 20°C under CLEAN conditions (0.3g/l bovine serum albumin) for feline calicivirus (human norovirus surrogate).

Signed



Dr Chris Woodall
Director, BluTest Laboratories Ltd
Glasgow, UK, 31 March 2011