

Test Report. Standard Test Method for Efficacy of Antimicrobial Agents Against Viruses in Suspension. Hepatitis C virus (Bovine Viral Diarrhoea Virus surrogate)

Test Laboratory

BluScientific Test Data

School of Life Sciences
Glasgow Caledonian University
GLASGOW
G4 0BA

Identification of sample

Name of the product
Manufacturer
Date of Delivery
Storage conditions
Product diluent
Active substances

SAFE 4 CONCENTRATE GREEN
SAFE SOLUTIONS LIMITED.
02.03.07
Room temperature and darkness.
Sterile Hard Water
Not Known.

Test Method and its validation

Method

SAFE 4 was diluted and 0.8 ml mixed with 0.1 ml virus suspension (DMEM + 5% FBS) and 0.1 ml sterile distilled water.

Dilution-neutralization.
Neutralizer

Dulbecco's modified Eagles medium + 5% v/v foetal bovine serum at 4°C.

Experimental Conditions

Period of analysis
Product diluent used
Product test concentrations
Contact times
Test temperature
Interfering substance
Stability of mixture
Temperature of incubation
Identification of virus

22 – 26 FEBRUARY 2008
Sterile Hard Water
1.0 % V/V; 2.0 % V/V; 5.0% V/V.
5 minutes ± 10s;
20°C ± 1 °C
0.6 g/l foetal bovine serum
Precipitate absent throughout the test
37 °C ± 1 °C + 5% CO₂
Bovine Viral Diarrhoea Virus surrogate ATCC VR – 1422

Test Result (See table 1)

Conclusion.

SAFE 4 at 1.0 % V/V retains virucidal activity at 5 minutes contact at 20°C under clean conditions (0,6 g/L protein as foetal bovine serum) for suspensions of Hepatitis C virus (Bovine Viral Diarrhoea Virus surrogate ATCC VR – 1422)