

Test Report. Standard Test Method for Efficacy of Antimicrobial Agents Against Viruses in Suspension. Human herpesvirus-1 (Herpes simplex virus – 1).

Test Laboratory

BluScientific Test Data

School of Life Sciences
Glasgow Caledonian University
GLASGOW
G4 0BA

Identification of sample

Name of the product

SAFE 4 CONCENTRATE GREEN

Manufacturer

SAFE SOLUTIONS LIMITED.

Date of Delivery

02.03.07

Storage conditions

Room temperature and darkness.

Product diluent

Sterile Hard Water

Active substances

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

5th – 13th NOVEMBER 2007

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% CO₂

Identification of virus

Human Herpes virus-1 F1 strain ATCC VR-733/Vero cells

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 Human Herpes virus-1 F1 strain ATCC VR-733.