



Viricide screening according to standard UNE-EN 14476:2014 + A1:2015 for “Chemical antiseptics and disinfectants. Quantitative suspension test for the evaluation of viricidal activity in medicine”

SUMMARY REPORT

EXPERIMENTAL PROCEDURE

Start of analysis: 20/02/2020
End of analysis: 19/03/2020

EXPERIMENTAL CONDITIONS

Contact time: 60 mins ± 10s

Test temperature: 20°C ± 1°C

Interfering substance: n.a.

Temperature of incubation: 37°C ± 1°C + 5% CO₂

Neutraliser: Dilution-neutralization/gel filtration; Eagles Minimum Essential Medium + 10% v/v foetal bovine serum at 4°C

TEST ORGANISM

Identification and passage (P) of virus: Vaccinia virus VR-1549 Elstree strain

Identification of cells: Vero Cells (Vaccinia Virus)

METHOD

1 part interfering substance + 1 part virus suspension + 8 parts biocide were mixed and incubated at the indicated contact temperature for the indicated contact times. Screen assays were validated by a cytotoxicity control and neutralization control.

TEST RESULTS

Product	Code	Dilution	Log. Reduction	% Reduction
Silver Solution – B (colloidal silver)	ARG1	0,8	3,50	99,97

CONCLUSIONS

*For Silver Solution - B, dilution 80% (v/v), the result against the Vaccinia virus at a contact time of 60 minutes is 3,50 logarithmic difference, therefore a viral reduction of **99,97%**.*

*The result against vaccinia virus covers all enveloped viruses including all **CORONAVIRUSES**.*