



Oro Clean Chemie AG
Allmendstrasse 21
8320 Fehraltorf

Efficacy of DENTIRO® Sensitive against *Human herpesvirus type 1*, strain F, ATCC VR-733 in a quantitative suspension test at 20 °C according to EN14476:2013+A1:2015 (E) under dirty condition

EXPERT OPINION

This expert opinion is based on the test report VX-TR-18-0003 dated 4 January 2018.

The virucidal properties of the disinfectant DENTIRO® Sensitive of Oro Clean Chemie AG against *Human herpesvirus type 1*, strain F, ATCC VR-733 was investigated by a quantitative suspension test according to EN14476:2013+A1:2015 (E) under dirty condition.

According to this suspension test, a disinfectant or a disinfectant solution at a particular concentration is considered as having virucidal activity if the virus titre is reduced by $\geq 4 \log_{10}$ (inactivation $\geq 99.99\%$) within the recommended exposure period.

DENTIRO® Sensitive was examined undiluted* at 20 °C for the exposure time of 15 seconds and 30 seconds. After the exposure time, the virus reduction exceeded 4 \log_{10} -steps in all assays. Therefore, a virucidal activity against *Human herpesvirus type 1*, strain F, ATCC VR-733 was measured as follow:

Dirty condition	Undiluted*	15 seconds
Dirty condition	Undiluted*	30 seconds

Kuala Lumpur, 4 January 2018

Suhana Ripim
Team Leader Virology Testing

Zhao Min Khoo
Microbiologist

* The product can only be tested at 80.00 % concentration or less, as some dilution always occurs when test organisms and interfering substance are added.