

Oro Clean Chemie AG
Allmendstrasse 21
8320 Fehraltorf

Efficacy of DENTIRO® Sensitive against *Adenovirus* type 5, strain Adenoid 75 in a quantitative suspension test at 20 °C according to EN14476:2013+A1:2015 (E) under clean condition

EXPERT OPINION

This expert opinion is based on the test report VX-TR-18-0172 dated 28 February 2018.

The virucidal properties of the disinfectant DENTIRO® Sensitive of Oro Clean Chemie AG against *Adenovirus* type 5, strain Adenoid 75 was investigated by a quantitative suspension test according to EN14476:2013+A1:2015 (E) under clean 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 1 minute, 2 minutes, and 5 minutes. After the exposure times, the virus reduction exceeded 4 \log_{10} -steps in all assays. Therefore, a virucidal activity against *Adenovirus* type 5, strain Adenoid 75 was measured as follow:

Clean condition	Undiluted*	1 minute
Clean condition	Undiluted*	2 minutes
Clean condition	Undiluted*	5 minutes

Kuala Lumpur, 28 February 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.