FEDERAL UNIVERSITY OF SANTA CATARINA

Department of Microbiology Immunology and Parasitology
Biological Sciences Center
Applied Virology Laboratory

Florianopolis, May 18, 2020.

TO TECH FLEX COMERCIO, REPRESENTACOES E SERVICOS LTDA
Contact: HERMES PAULO AMORIM FILHO

Test: Virucide - Quantitative
Viral models: Human Adenovirus Type II and Human Herpes Virus I

Researcher/Technical Responsibility: Dr. Gislaine Fongaro
Reference: Sigpex Extension Action: 201917940
Document No.: TF-201917940-22

RESULTS:

Sample identification by the company	*Requested exposure time*	Reduction (%)	
		Human Adenovirus-2	Human Herpes Virus-1
1- Drywall slab with Revitare Nano IS-47 containing 0.8% nano-silver	*30 minutes*	90%	90%
	120 minutes	90%	99%

• All tests were repeated independently

Methodology:

Virucidal Activity

Evaluation of virucidal activity on surfaces - contact time 2 h (Human adenovirus - type II (University of Barcelona) and Herpes Simplex Virus type 1 (HSV-1) - KOS strain (Faculty of Pharmacy, University of Rennes, France), as non-enveloped and enveloped viral models, with experimental execution in accordance with ISO 21702-2019-53 (1).

(1) ISO 21702-2019-5. Measurement of antiviral activity on plastics and other non-porous surfaces, 2019.

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