

**TEST REPORT N. 20/000223432**

date of issue 16/06/2020

Customer ID 0083363

Messrs  
EVO PDI SRL  
VIA SAN PIO DA PIETRALCINA  
19/21  
20010 POGLIANO MILANESE  
(MI)  
IT**Sample information**

Acceptance number 20.510360.0001

Delivered by TNT Traco on 01/04/2020

Receiving Date 01/04/2020

Place of origin EVO PDI SRL VIA SAN PIO DA PIETRALCINA 19/21 20010 POGLIANO MILANESE (MI) IT

Sample Description SRW30

**Sampling information**

Sampled by Customer

**ANALYTICAL RESULTS**

	Value/ Uncertainty	Unit of measure	LoQ	LoD	Start/end date of analysis	Op. units	Line
<b>ON SAMPLE AS IT IS</b>							1
VIRUCIDAL ACTIVITY:SUSPENSION TEST Met.: UNI EN 14476:2019	view attached report				28/04/2020- -16/06/2020	09	2

**Operative units**

Unit 09 : Via Fratta Resana PHARMA (TV)

**Information provided by the client**

Sampled by: Customer

Pick Address: EVO PDI SRL VIA SAN PIO DA PIETRALCINA 19/21 20010 POGLIANO MILANESE (MI) IT

Description: SRW30

Biologist responsible
Dott.ssa Federica Cattapan Ordine nazionale dei biologi Albo professionale n.045961 sez.A
Num. certificato 18128093 emesso dall'ente certificatore ArubaPEC S.p.A. NG CA 3, ArubaPEC S.p.A., IT

Template 756/SQ rev. 7

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The results contained in this Test Report refer only to the analyzed sample. The test report shall not be reproduced except in full, without written approval of Chelab laboratory.

CHELAB S.r.l. Socio Unico, Company subject to the direction and coordination of Mérieux NutriSciences Corporation

Head office: Via Fratta 25 31023 Resana, Italy Phone. + 39 0423.7177 / Fax + 39 0423.715058 www.merieuxnutrisciences.it

VAT nr. 01500900269, R.E.A Treviso n. 156079 Fully paid up € 103.480,00.

- If not otherwise specified, the uncertainty is extended and has been calculated with a coverage factor  $k=2$  corresponding to a probability interval of about 95%. - LoD is the detection limit and identifies a confidence interval of zero with a probability interval of about 99%. - LoQ is the limit of quantification. "n.d." is not detected and indicates a value inferior to the LoD. "traces (X)" means a value between LoD and LoQ, this value is indicative. "<x" or ">x" indicate inferior or superior to the measurement field of the test. - If not differently specified, the sums are calculated by lower bound criteria (L.B.). - In case of alteration of the sample the laboratory declines any responsibility on the results that can be influenced by the deviation in case the customer asks for the execution of the test anyway. - If the sampling is not carried out by the laboratory staff, the results obtained are considered referring to the sample as received and the laboratory declines its responsibility for the results calculated considering the sampling data provided by the Customer. The name and contact information of the Customer are always provided by the Customer. - If not differently specified the quantitative microbiological tests (excluded MPN) are performed on single repetition and two consecutive dilutions in accordance to ISO 7218:2007/Amd1:2013.

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**ATTACHMENT TO TEST REPORT 20/000223432**

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**UNI EN 14476+A2:2019**

Chemical disinfectants and antiseptics  
Quantitative suspension test for the evaluation  
of virucidal activity in the medical area  
(phase 2, step 1)

ID Sample: 20.510360.0001

Sample description: SRW30

Active substance: n.a.

Receiving date: 03/04/2020

Product appearance: liquid, colorless

Sponsor EVO PDI srl

Via San Pio da Pietralcina 19/21

20010 Pogliano Milanese MI

Italy

**METHOD**

UNI EN 14476+A2:2019

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**EXPERIMENTAL CONDITIONS**

- Test virus and number of passages:
  - Human coronavirus 229E (HCo-229E), ATCC VR-740 (passage n° 2)*
  - Poliovirus type 1 LSc-2ab, Eurovir Hygiene Institut (passage number 7);*
  - Adenovirus type 5, strain Adenoid, 75 ATCC VR-5 (passage n° 5)*
  - Murine norovirus MNV, strain 599 Berlin Friedrich Loeffler Institute RVB-0651 (passage n° 7)*
- Cell line and number of passages:
  - MRC-5, for the propagation of Human coronavirus 229E (HCo-229E) (passage n° 24+3)
  - LLC-MK2 ATCC CCL-7.1 for the propagation of Poliovirus (passage number 53+10);
  - HeLa, ATCC CCL.2 for the propagation of Adenovirus type 5 (passage n° 38+11)
  - Raw 264.7 ATCC TIB-71 for the propagation of Murine norovirus (passage number 11+12)
- Product test concentrations: 97%, 60%, 50%
- Diluent used for product test solution: Distilled water for 97%; Hard water for 60% and 50%
- Appearance of product dilutions: Liquid and colorless
- Stability and appearance of the mixture during the procedure: Stable, without precipitates
- Interfering substance: 0,3 g/l bovine albumin (clean condition)
- Contact time: 60 min ± 10 sec
- Test temperature: 20 °C ± 1°C
- Neutralization method: Filtration method with Microspin™ S400HR columns
- Growth medium: MEM 10% FCS
- Maintenance medium: MEM 2% FCS

**TEST RESULTS**

See tables n° 1 to 16.

**CONCLUSIONS**

According to UNI EN 14476+A2:2019, under the test conditions applied, the test product at concentration 97%, 60% and 50% resulted to have virucidal activity ( $R \geq 4$ ) against Human coronavirus 229E and not have virucidal activity ( $R < 4$ ) against Adenovirus, Murine norovirus and Poliovirus.

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