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|---|--|
| <b>Laboratory identification number</b> | LI-V-026-001   |
| <b>Study Report</b>                     | <b>Testing the virus-reducing performance of photodynamic technology against Bovine corona virus</b>   |
| <b>Test</b>                             | <p>Validation of the antiviral activity on PVC carrier coated with <b>Dr. Schutz VIR-O-BAC Siegel / Sealer</b> using photodynamic technology.</p> <p>Quantitative determination of the recovered virus inoculum according to the following measures in duplicate:</p> <ol style="list-style-type: none"> <li>1. <math>U_0</math>: Recovery control (– additive / – light / + virus)</li> <li>2. <math>U_{td}</math>: Dark control ( + additive / – light / + virus)</li> <li>3. <math>U_{tl}</math>: Light control ( – additive / + light / + virus)</li> <li>4. <math>U_t</math>: Reference control, untreated test specimen ( - additive / – light / + virus)</li> <li>5. <math>A_t</math>: treated test specimen to determine the antiviral activity of <b>Dr. Schutz VIR-O-BAC Siegel / Sealer</b> ( + additive / + light / + virus)</li> <li>6. Cytotoxicity control</li> </ol> |
| <b>Sponsor</b>                          | <p>Dr. Schutz GmbH<br/>Holbeinstr. 17<br/>53174 Bonn</p>   |
| <b>Test method</b>                      | Quantitative test for the evaluation of virucidal activity on coated surfaces  |
| <b>Active substance</b>                 | Singlet oxygen generated in situ from ambient air  |
| <b>Contact time</b>                     | 24 hours   |

|                              |  |            |
|------------------------------|--|------------|
| <b>Interfering substance</b> | not applicable   |            |
| <b>Storage conditions</b>    | 20.0 °C ± 2.5 °C, dry  |            |
| <b>Project description</b>   | <ul style="list-style-type: none"> <li>• Virus contamination of carriers (2 cm x 2 cm) coated with <b>Dr. Schutz VIR-O-BAC Siegel / Sealer (contains 1.0% additive)</b> by the manufacturer</li> <li>• Microbial reduction via light emitting LEDs in combination with <b>Dr. Schutz VIR-O-BAC Siegel / Sealer</b> coated carrier</li> </ul> |            |
| <b>Reference documents</b>   | modification of the following test methods: <ul style="list-style-type: none"> <li>• DIN EN 16777:2019-03</li> <li>• ISO 21702:2019</li> </ul>   |            |
|                              | <ul style="list-style-type: none"> <li>• SOP-ST-VIR.M.0067.09</li> <li>• SOP-ST-VIR.M.0086.01</li> </ul>   |            |
| <b>Written</b>               | PD Dr. rer. nat. Maren Eggers  |            |
| <b>Test facility</b>         | Labor Prof. Dr. G. Enders MVZ GbR<br>Abteilung Virologie<br>Rosenbergstraße 85<br>70193 Stuttgart  |            |
| <b>Dates</b>                 | Begin of testing:  | 2026-02-19 |
|                              | End of testing:  | 2026-02-26 |
| <b>Technical assistance</b>  | Petra Marquart (cell culture)<br>Niels Fellner   |            |

## Table of Contents

|   | Page |
|---|------|
| Table of Contents .....   | 3    |
| 1. Materials, media and reagents.....                             | 4    |
| 1.1. Abbreviations.....   | 4    |
| 1.2. Apparatus .....  | 4    |
| 1.3. Materials.....   | 5    |
| 2. Identification of the sample and experimental conditions ..... | 5    |
| 3. Test methods.....  | 8    |
| 4. Results and Evaluation .....                                   | 9    |

## 1. Materials, media and reagents

### 1.1. Abbreviations

|                    |   |
|--------------------|---|
| %                  | percentage                                      |
| °C                 | Grad Celsius                                    |
| µL                 | microliter                                      |
| A                  | ampere  |
| CCLV               | Collection of Cell Lines in Veterinary Medicine |
| cm                 | centimeters                                     |
| cm <sup>2</sup>    | square centimeters                              |
| CO <sub>2</sub>    | carbon dioxide                                  |
| D-MEM              | Dulbecco's Modified Eagle Medium                |
| E-MEM              | minimum essential Medium with Earl's salts      |
| FCS                | Fetal bovine serum                              |
| log <sub>10</sub>  | logarithm base 10                               |
| Max                | Maximum   |
| Min                | Minimum   |
| min                | minutes   |
| mL                 | milliliter                                      |
| mW                 | milliwatt                                       |
| N/A                | not applicable                                  |
| NEA                | Non-essential amino acids                       |
| PBS                | Phosphate buffered saline solution              |
| RF                 | Reduction factor                                |
| RT                 | Room temperature                                |
| sec                | seconds   |
| SOP                | Standard Operating Procedure                    |
| TCID <sub>50</sub> | Median Tissue Culture Infectious Dose           |
| V                  | volt  |

### 1.2. Apparatus


- Incubator +37 °C ± 2 °C with CO<sub>2</sub> supply
- Fridge 2 - 8 °C
- Laminar Air Flow
- Mixing device
- Vortexer
- Thermometer
- Pipetting aid (Pipet-Boy)
- 5 mL pipettes
- Eppendorf pipette variable 0.5 µl - 10 µl
- Eppendorf pipette variable 10 µl - 100 µl
- Eppendorf pipette variable 100 µl - 1000 µl
- sterile pipette tips (blue, yellow, white)
- sterile disposable pipettes (1 mL, 5 mL, 10 mL)
- 96-well microtiter plates
- Positive Displacement Pipette Tips (sterile) M
- Multidrop (e.g. laboratory systems)
- Neubauer counting chamber
- Water bath
- Centrifuge
- Inverted microscope
- light source: white light LED, full spectrum 6500K (STWSC12S-E1H10000/4A SunLike LED, manufacturer: Soul Semiconductor)

### 1.3. Materials

- Antibiotics
- D-MEM            Dulbeccos Modified Eagle Medium
- NEA                Non-essential amino acids
- PBS                Phosphate buffered saline solution
- Cellulose
- PET                polyethylene terephthalate

## 2. Identification of the sample and experimental conditions:

### Identification of the sample

|                           |   |
|---------------------------|---|
| <b>Product name</b>       | <b>Dr. Schutz VIR-O-BAC Siegel</b>  |
| <b>Test surface</b>       | 2 cm x 2 cm   |
| <b>Test specimen</b>      | PVC carrier coated with Dr. Schutz VIR-O-BAC Siegel / Sealer (contains 1.0 % additive), 2 cm x 2 cm |
| <b>Reference Material</b> | PVC carrier coated with Dr. Schutz Standard Siegel without additive, 2 cm x 2 cm                    |
| <b>Carrier</b>            |                  |
| <b>Date of delivery</b>   | 2026-02-19  |
| <b>Storage conditions</b> | 20.0 °C, dark   |

### Experimental conditions

|                                  |   |
|----------------------------------|---|
| <b>Test site</b>                 | Labor Prof. Dr. G. Enders MVZ GbR<br>Rosenbergstr. 85<br>70193 Stuttgart<br>Germany |
| <b>Test period</b>               | 2026-02-19 – 2026-02-26   |
| <b>Test method</b>               | ISO 21702:2019-05   |
| <b>Contact time</b>              | 24 hours  |
| <b>Temperature of incubation</b> | 21.5 °C ± 3.5 °C  |

**Identification of the virus**

|                                       |  |
|---------------------------------------|--|
| <b>Virus</b>                          | Bovine corona virus (BCoV)   |
| <b>Virus: source</b>                  | Institute of Animal Hygiene and Veterinary Public Health in the Centre of Veterinary Public Health of the University Leipzig |
| <b>Virus: batch</b>                   | 220223   |
| <b>Virus: number of passage</b>       | n+3  |
| <b>Cell line</b>                      | CCLV-Rie11 (Ovis aries)  |
| <b>Cell line: source</b>              | Collection of Cell Lines in Veterinary Medicine (CCLV)   |
| <b>Cell line: number of passage</b>   | 66 / 10  |
| <b>Temperature of cell incubation</b> | 37.0 °C ± 1.0 °C, CO <sub>2</sub> Incubator (5.0% CO <sub>2</sub> )  |

**In-house reference material/**

|                        |  |
|------------------------|--|
| <b>Material</b>        | Tork Low-Lint Cleaning Cloth, Art. no. 190491, source of supply VAH via Essity Professional Hygiene Germany GmbH |
| <b>Material source</b> | 55% cellulose, 45% polyethylene terephthalate (PET), dimensions 17.5 cm x 28 cm                                  |

### 3. Test methods

The tests were performed according to modifications of the European standard DIN EN 16777:2019-03 and ISO 21702:2019 test methods and according to the SOP-ST-VIR.M.0067.09 plus SOP-ST-VIR.M.0086.01.

#### Test strain virus and cell culture line

Bovine corona virus from the Institute of Animal Hygiene and Veterinary Public Health of the University Leipzig was used as the test virus. CCLV cells were used for virus cultivation and the suspension test. The host cells of the Collection of Cell Lines in Veterinary Medicine were cultivated at 37.0 °C in a humid atmosphere under 5.0% CO<sub>2</sub>. The cells were fed with Dulbecco's Minimum Essential Medium (D-MEM) supplemented with non-essential amino acids. For the virus cultivation, confluent monolayers with a maximum age of 2 days were used. The stock virus suspension was produced according to the directive. Cell debris was separated by low speed centrifugation.

Aliquots of the virus suspension were stored at -70 °C.

#### Test procedure

The treated carriers and control carriers were inoculated with 50 µL virus. The titre of the virus suspension was  $8.00 \pm 0.45 \log_{10} \text{TCID}_{50}$ .

Three carriers were tested for each measure. Immediately after drying, the carriers were placed on the sample tray. Then the irradiation by the blue light LED – modules started according to following settings:

- Intensity: 1000 Lux
- voltage: 23 V
- current: 0.134 A
- contact time: 24 hours

Immediately after the contact time (within 1 hour), the carrier was transferred into 5 mL medium and vortexed for 60 sec. Each carrier was visually examined for complete elution. For the determination of residual virus titer, a decadal dilution series was prepared. Subsequently, six wells of a microtitre plate containing a confluent monolayer of CCLV cells were inoculated with 0.1 mL of each dilution, and the cells were incubated at 37.0 °C in a humidified atmosphere under 5.0% CO<sub>2</sub>. After 7 days the cell cultures were stained with 50 µL crystal violet per well. The cells were examined microscopically for cytopathic effects (CPE). The cell culture results were recorded as "0" for no CPE and "1" (25.0% CPE) to "4" (100% CPE) depending on the degree of cell damage.

## Calculation of the antiviral activity of the products

The viral titre was calculated using the Spearman-Kärber-method (Br. J. Psychol. 2 (1908): 227-42, Arch. exp. Path. Pharmac. 162 (1931): 480-87).

The antiviral activity is calculated by the following formula

$$R = (U_t - U_0) - (A_t - U_0) = U_t - A_t$$

where

R is the antiviral activity;

$U_0$  is the average of residual virus recovered from the three untreated test specimens immediately after inoculation; in TCID<sub>50</sub>/mL

$U_t$  is the average of residual virus recovered from the three untreated test specimens after contact time; in TCID<sub>50</sub>/mL

$A_t$  is the average of residual virus recovered from the three treated test specimens after contact time; in TCID<sub>50</sub>/mL

Pass criteria for the mean antiviral activity according to Table B.2 ISO 21702:2019 shall be  $\geq 1.96 \pm 0.52$ .

#### 4. Results and Evaluation

The photodynamic technology in association with **Dr. Schutz VIR-O-BAC Siegel / Sealer** was tested following an exposure time of 24 hours.

##### Validity of the test

The infectivity titer of the virus was determined using the endpoint titration method and the titre was given as  $\log_{10}$  TCID<sub>50</sub>/mL. The titer of the virus suspension was  $8.00 \pm 0.45 \log_{10}$  TCID<sub>50</sub>/mL.

The test specimen caused no cytotoxic effects as shown in Table 1. As shown in Table 2 and 3, by comparing the infectivity titer of virus from the negative control **S<sub>n</sub>** with that from the untreated test specimen **S<sub>u</sub>** or the treated specimen **S<sub>t</sub>**, the logarithmic value meets the requirements of  $\leq 0.5 \log_{10}$ , and therefore, the suppressive efficiency is confirmed. As can be seen from the Table 4, the internal reference control showed an infectivity of  $3.94 \log_{10}$  TCID<sub>50</sub>/mL after 24 hours of incubation time.

The titre recovered immediately after inoculation from the untreated test specimens should be within the range of  $5 \log_{10}$  TCID<sub>50</sub>/mL to  $6 \log_{10}$  TCID<sub>50</sub>/mL. The recovery control **U<sub>0</sub>** showed that the test is valid since the Bovine corona virus (BCoV) titer was  $\geq 5 \log_{10}$  in the inoculum as depicted in table 5. The mean virus titre recovered from each untreated test specimen after contacting for 24 hours was  $4.28 \log_{10}$  TCID<sub>50</sub>/mL and the virus titer on the treated test specimen was reduced to  $2.33 \log_{10}$  TCID<sub>50</sub>/mL resulting in a reduction of  $\geq 2$  lg. All conditions for a valid test were fulfilled.

**Table 1** Verification of cytotoxic effect on host cells

| Product                        | Dilution ( $\log_{10}$ ) |           |           |           |           |           |           |           |
|--------------------------------|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                                | $10^{-0}$                | $10^{-1}$ | $10^{-2}$ | $10^{-3}$ | $10^{-4}$ | $10^{-5}$ | $10^{-6}$ | $10^{-7}$ |
| Dr. Schutz<br>VIR-O-BAC Siegel | –                        | –         | –         | –         | –         | –         | –         | –         |

**Table 2** Test results for verification of the test according to ISO 21702:2019-05

| Sample    | Contact time | Level of cytotoxicity | Titre of the residual virus ( $\log_{10}$ TCID <sub>50</sub> /mL) with 95.0% confidence interval |        |        |      |
|-----------|--------------|-----------------------|--|--------|--------|------|
|           |              |                       | test 1   | test 2 | test 3 | Mean |
| <b>Sn</b> | 0 min        | 0.50                  | 5.67   | 5.83   | 5.83   | 5.78 |
|           |              |                       | ±  | ±      | ±      | ±    |
|           |              |                       | 0.33   | 0.42   | 0.42   | 0.39 |
| <b>Su</b> | 30 min       | 0.50                  | 6.17   | 5.67   | 5.50   | 5.78 |
|           |              |                       | ±  | ±      | ±      | ±    |
|           |              |                       | 0.56   | 0.33   | 0.47   | 0.45 |
| <b>St</b> | 30 min       | 0.50                  | 6.33   | 5.83   | 6.17   | 6.11 |
|           |              |                       | ±  | ±      | ±      | ±    |
|           |              |                       | 0.54   | 0.42   | 0.42   | 0.46 |

**Table 3 Test validity according to ISO 21702:2019-05**

| Formulae according to 6.6.3.3 ISO 21702:2019 | Negative control $S_n$ | Test specimen | Difference  | Pass criteria ( $\leq 0.5$ ) fulfilled |
|--|------------------------|---------------|-------------|--|
| $S_n - S_u \leq 0.5$                         | 5.78                   | 5.78          | <b>0.00</b> | <b>valid</b>                           |
| $S_n - S_t \leq 0.5$                         | 5.78                   | 6.11          | <b>0.33</b> | <b>valid</b>                           |

$S_n$  is the average of the common logarithm of the infectivity titer of virus, in TCID<sub>50</sub>/mL, from three samples of the negative control;

$S_u$  is the average of the common logarithm of the infectivity titer of virus, in TCID<sub>50</sub>/mL, recovered from three of the untreated test specimens;

$S_t$  is the average of the common logarithm of the infectivity titer of virus, in TCID<sub>50</sub>/mL, recovered from three of the treated test specimens.

**Table 4 Internal control**

| Sample                    | Contact time | Level of cytotoxicity | Titre of the residual virus (log <sub>10</sub> TCID <sub>50</sub> /mL) with 95.0% confidence interval |        |        |      |
|---------------------------|--------------|-----------------------|---|--------|--------|------|
|                           |              |                       | test 1  | test 2 | test 3 | Mean |
| Dark control<br>$U_{td}$  | 24 hours     | 0.50                  | 3.83  | 3.83   | 4.17   | 3.94 |
|                           |              |                       | ±   | ±      | ±      | ±    |
|                           |              |                       | 0.42  | 0.42   | 0.56   | 0.47 |
| Light control<br>$U_{tl}$ | 24 hours     | 0.50                  | 3.00  | 3.83   | 3.83   | 3.56 |
|                           |              |                       | ±   | ±      | ±      | ±    |
|                           |              |                       | 0.45  | 0.42   | 0.42   | 0.43 |

$U_0$  is the average of residual virus recovered from the three untreated test specimens immediately after inoculation; in TCID<sub>50</sub>/mL

$U_t$  is the average of residual virus recovered from the three untreated test specimens after contact time; in TCID<sub>50</sub>/mL

$A_t$  is the average of residual virus recovered from the three treated test specimens after contact time; in TCID<sub>50</sub>/mL

**Table 5 Test results on Dr. Schutz VIR-O-BAC Siegel coated test specimen with Bovine corona virus according to ISO 22196:2011**

**Test date: 2026-02-19 – 2026-02-26**

| Sample  | Contact time | Level of cytotoxicity | Titre of the residual virus (log <sub>10</sub> TCID <sub>50</sub> /mL) with 95.0% confidence interval |                   |                   |                          |
|---|--------------|-----------------------|---|-------------------|-------------------|--------------------------|
|   |              |                       | test 1  | test 2            | test 3            | Mean                     |
| Recovery control<br><b>U<sub>0</sub></b>  | 0 min        | 0.50                  | 5.67<br>±<br>0.33   | 5.83<br>±<br>0.42 | 5.83<br>±<br>0.42 | <b>5.78</b><br>±<br>0.39 |
| Reference control<br><b>U<sub>t</sub></b>   | 24 h         | 0.50                  | 4.50<br>±<br>0.00   | 4.33<br>±<br>0.33 | 4.33<br>±<br>0.00 | <b>4.39</b><br>±<br>0.11 |
| Treated test specimen<br><b>Dr. Schutz VIR-O-BAC Siegel</b><br><b>A<sub>t</sub></b> | 24 h         | 0.50                  | 2.33<br>±<br>0.33   | 2.50<br>±<br>0.00 | 2.17<br>±<br>0.42 | <b>2.33</b><br>±<br>0.25 |

**Table 6 Calculation of the antiviral activity**

**Dr. Schutz VIR-O-BAC Siegel**

$$R = (U_t - U_0) - (A_t - U_0) = (4.39 - 5.78) - (2.33 - 5.78) = -1.39 - (-3.45) = \mathbf{2.06}$$

R is the antiviral activity;

U<sub>0</sub> is the average of residual virus recovered from the three untreated test specimens immediately after inoculation; in TCID<sub>50</sub>/mL

U<sub>t</sub> is the average of residual virus recovered from the three untreated test specimens after contact time; in TCID<sub>50</sub>/mL

A<sub>t</sub> is the average of residual virus recovered from the three treated test specimens after contact time; in TCID<sub>50</sub>/mL

**Test results**

The data of the virucidal efficacy of light emitting LEDs in combination with **Dr. Schutz VIR-O-BAC Siegel** coated PVC carriers is presented in Table 6. The photodynamic inactivation of the enveloped Bovine corona virus (BCoV), by the energy-rich singlet oxygen generated in the test procedure showed a reduction of 2.06 log (99.13 % kill rate) compared to the controls within 24 hours exposure time. This is in accordance to the antiviral-activity range provided in table B.2 ISO 21702:2019 from  $1.96 \pm 0.52$  to  $2.96 \pm 0.71$ .

13.03.2026

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Date

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PD Dr. rer. nat. Maren Eggers  
Head of disinfectant testing and applied / technical hygiene

**Raw data of Dr. Schutz VIR-O-BAC Seal / Siegel coated test specimen tested with Bovine corona virus**

**Date: 2026-02-19 – 2026-02-26**

|                      |   | Light Intensity Lux | Contact time | Dilution (log <sub>10</sub> ) |            |            |            |            |            |            |            |
|----------------------|---|---------------------|--------------|-------------------------------|------------|------------|------------|------------|------------|------------|------------|
|                      |   |                     |              | 0                             | 1          | 2          | 3          | 4          | 5          | 6          | 7          |
| <b>S<sub>n</sub></b> | 1 | N/A                 | 0 min        | 444<br>444                    | 444<br>444 | 444<br>444 | 444<br>444 | 444<br>444 | 004<br>000 | 000<br>000 | 000<br>000 |
|                      | 2 | N/A                 | 0 min        | 444<br>444                    | 444<br>444 | 444<br>444 | 444<br>444 | 444<br>444 | 040<br>040 | 000<br>000 | 000<br>000 |
|                      | 3 | N/A                 | 0 min        | 444<br>444                    | 444<br>444 | 444<br>444 | 444<br>444 | 444<br>444 | 440<br>000 | 000<br>000 | 000<br>000 |
| <b>S<sub>u</sub></b> | 1 | N/A                 | 30 min       | 444<br>444                    | 444<br>444 | 444<br>444 | 444<br>444 | 444<br>444 | 440<br>040 | 040<br>000 | 000<br>000 |
|                      | 2 | N/A                 | 30 min       | 444<br>444                    | 444<br>444 | 444<br>444 | 444<br>444 | 444<br>444 | 000<br>040 | 000<br>000 | 000<br>000 |
|                      | 3 | N/A                 | 30 min       | 444<br>444                    | 444<br>444 | 444<br>444 | 444<br>444 | 444<br>404 | 004<br>000 | 000<br>000 | 000<br>000 |
| <b>S<sub>t</sub></b> | 1 | N/A                 | 30 min       | 444<br>444                    | 444<br>444 | 444<br>444 | 444<br>444 | 444<br>444 | 004<br>444 | 000<br>004 | 000<br>000 |
|                      | 2 | N/A                 | 30 min       | 444<br>444                    | 444<br>444 | 444<br>444 | 444<br>444 | 444<br>444 | 040<br>040 | 000<br>000 | 000<br>000 |
|                      | 3 | N/A                 | 30 min       | 444<br>444                    | 444<br>444 | 444<br>444 | 444<br>444 | 444<br>444 | 440<br>440 | 000<br>000 | 000<br>000 |

- 1–4 virus present, degree of CPE in cell culture units (6 wells of microtitre plates)
- 0 no virus present
- n. a. not applicable
- n. d. not done
- x cytotoxic

Raw data of internal control tested with Bovine corona virus

Date: 2026-02-19 – 2026-02-26

|                               |   | Light Intensity Lux | Contact time | Dilution (log <sub>10</sub> ) |            |            |            |            |            |            |            |
|-------------------------------|---|---------------------|--------------|-------------------------------|------------|------------|------------|------------|------------|------------|------------|
|                               |   |                     |              | 0                             | 1          | 2          | 3          | 4          | 5          | 6          | 7          |
| Light control U <sub>td</sub> | 1 | N/A                 | 24 h         | 444<br>444                    | 444<br>444 | 040<br>404 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 |
|                               | 2 | N/A                 | 24 h         | 444<br>444                    | 444<br>444 | 444<br>444 | 000<br>044 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 |
|                               | 3 | N/A                 | 24 h         | 444<br>444                    | 444<br>444 | 444<br>444 | 004<br>040 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 |
| Light control U <sub>tl</sub> | 1 | 1000                | 24 h         | 444<br>444                    | 000<br>044 | 000<br>040 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 |
|                               | 2 | 1000                | 24 h         | 444<br>444                    | 444<br>444 | 000<br>004 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 |
|                               | 3 | 1000                | 24 h         | 444<br>444                    | 444<br>444 | 044<br>000 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 |

- 1–4 virus present, degree of CPE in cell culture units (6 wells of microtitre plates)
- 0 no virus present
- n. a. not applicable
- n. d. not done
- x cytotoxic

**Raw data of Dr. Schutz VIR-O-BAC Seal / Siegel coated test specimen tested with Bovine corona virus**

**Date: 2026-02-19 – 2026-02-26**

| Test specimen                        | replicate | Light Intensity Lux | Contact time | Dilution (log <sub>10</sub> ) |            |            |            |            |            |            |            |
|--------------------------------------|-----------|---------------------|--------------|-------------------------------|------------|------------|------------|------------|------------|------------|------------|
|                                      |           |                     |              | 0                             | 1          | 2          | 3          | 4          | 5          | 6          | 7          |
| Recovery control U <sub>0</sub>      | 1         | N/A                 | 0 min        | 444<br>444                    | 444<br>444 | 444<br>444 | 444<br>444 | 444<br>444 | 004<br>000 | 000<br>000 | 000<br>000 |
|                                      | 2         | N/A                 | 0 min        | 444<br>444                    | 444<br>444 | 444<br>444 | 444<br>444 | 444<br>444 | 040<br>040 | 000<br>000 | 000<br>000 |
|                                      | 3         | N/A                 | 0 min        | 444<br>444                    | 444<br>444 | 444<br>444 | 444<br>444 | 444<br>444 | 440<br>000 | 000<br>000 | 000<br>000 |
| Reference control U <sub>t</sub>     | 1         | N/A                 | 24 h         | 444<br>444                    | 444<br>444 | 444<br>444 | 444<br>444 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 |
|                                      | 2         | N/A                 | 24 h         | 444<br>444                    | 444<br>444 | 444<br>444 | 444<br>044 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 |
|                                      | 3         | N/A                 | 24 h         | 444<br>444                    | 444<br>444 | 444<br>444 | 440<br>444 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 |
| Treated test specimen A <sub>t</sub> | 1         | 1000                | 24 h         | 444<br>444                    | 444<br>404 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 |
|                                      | 2         | 1000                | 24 h         | 444<br>444                    | 444<br>444 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 |
|                                      | 3         | 1000                | 24 h         | 444<br>444                    | 440<br>440 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 |
| Cytotoxicity control                 |           | N/A                 | 24 h         | 000<br>000                    | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 | 000<br>000 |
| Virus suspension                     |           | N/A                 | 0 s          | 444<br>444                    | 444<br>444 | 444<br>444 | 444<br>444 | 444<br>444 | 444<br>444 | 444<br>444 | 404<br>040 |

- 1–4 virus present, degree of CPE in cell culture units (6 wells of microtitre plates)
- 0 no virus present
- n. a. not applicable
- n. d. not done
- x cytotoxic

- Archiving: The raw data with respect to this test and a copy of the report will be stored in the archive of Labor Enders MVZ.
- Information: The test results exclusively refer to the samples described above. The latest version of the test report should always be used. Excerpts from this test report may only be reproduced with the written permission from Labor Enders MVZ.

End of Report