




**Evaluation of virucidal treatment on ambient air by the device
SanificAria 30 based on UVc radiation**

**Report n°:
MS2_2020_R42
Edition: 01
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1. Order Reference

This Report is referred to TPM_2020_937_BEG.

2. Purpose

Evaluation of the anti-viral efficacy of the Beghelli SanificAria 30 system (based on the use of a UVc lamp) for air sanitization. Effectiveness is assessed by treating a non-porous and opaque material on which viruses are deposited, with UV light and comparing it with an untreated control (CTRL).

The tests were carried out at the Microbiology and Virology Laboratory as part of the agreement between the Tecnopolo Mario Veronesi and the laboratory itself (UNIMORE protocol n.716 of 27/9/2017 repertoire 10 of 2017, signed on 28 / 09/2017). The activity involved the use of 2 types of viruses (Adenovirus and OC43, Coronavirus HCoV-OC43 very similar to the HCoV-SARS-2 responsible for CoViD-19).

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3. Materials and Methods

3.1 Experimental Protocol

See Attachment.

4. Results

See Attachment.

5. Conclusions

See attachment.

6. Attachments

Final report of 27 July 2020: **Evaluation of the antiviral activity against AdV and HCoV-OC43 of a germicidal UV radiation system on a material (+ control) for a single exposure time and at a single distance).**