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Summary of antiviral testing of Pilkington **SaniTise™**

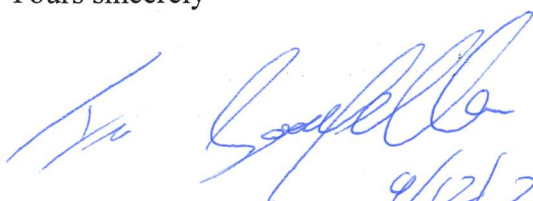
Dear Sir/Madam,

Please find below an overall summary of the anti-viral testing results we obtained using your Pilkington **SaniTise™** sample earlier this year. A more detailed description of the results are described in the report dated the 12th of August 2020.

- Testing was carried out using a procedure based on ISO 21702
- We attempted to replicate a "real life" exposure event, whereby a virus containing solution would be exposed to the air over a period of time. As such, the virus containing solution was not covered by a cover slip during the assay.
- A SARS-Cov-2 surrogate was used, mouse hepatitis virus (MHV-A59), which belongs to the same betacoronavirus family, is structurally nearly identical and widely used in in stability testing.
- The experimental set up used 5 biological repeats for each time point to ensure any observation of antiviral activity was robust.
- Time points of 15 minutes and 30 minutes were chosen following discussions with your team.
- Following incubation, the levels of infectious virus remaining in any given samples was determined using a well-established assay that measures virus-induced cell death.
- UV energy was used in the experiment, and was shown to have a significant and reproducible effect on virus survival time during test conditions. Note: This energy is designed to be average summer conditions in Central Europe based on a photocatalytic standard used for other applications (EN1096-5).
- Under UV irradiation, the Pilkington **SaniTise™** sample showed a >85% reduction in infectious virus titre after only 15 minutes in comparison to the uncoated material.
- In summary, we observed clear evidence of antiviral activity on Pilkington **SaniTise™** to clear glass blank.

Should you require further details or wish to discuss further then please get in touch.

Yours sincerely



9/12/2020

Professor Ian Goodfellow
Professor and Deputy Head of Department of Pathology
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