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Certificate of Compliance Testing

Biological Efficiency Testing of the IUL Spin Air 100 and 60 Samplers Using Techniques Described in EN 17141:2020 Annex E, Section E6.2

Report No. 23/011

Report Prepared For: IUL Instruments

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Test Summary

Tests were undertaken using the simplified laboratory method (Annex E6.2) sampling environmental aerosols. Compared to the reference slit sampler the IUL Spin Air 100 was found to be 83.30% efficient and the Spin Air 60 was found to be 86.41% efficient. This shows compliance to acceptance criteria detailed in Annex E.6.4. Tests were also undertaken using a variation of the aerosol chamber method, comparing the ratio of the recoveries of mixed aerosol of *Staphylococcus epidermidis* and *Bacillus atrophaeus* spores. It was found that the compared to the reference sampler the Spin Air 100 was 91.73% efficient and the Spin Air 60 was 98.49% efficient.

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