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Federal Department of Home Affairs FDHA
Institute of Virology and Immunology IVI
Biosafety and Engineering

CH-3147 Mittelhäusern, IVI

Sanosil AG
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Your reference:

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Our reference: KUD

Contact person: Daniel Kümin

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Use of Sanosil Q-Jet Superior Together with Sanosil S015 to Fumigate Animal Rooms and Validation with Foot-and-Mouth Disease Virus (FMDV)

Dear Mr Rüegg

The Institute of Virology and Immunology (IVI) at Mittelhäusern, Switzerland, is the National Reference Laboratory for highly contagious animal diseases. The IVI diagnoses, researches and tests vaccines against a number of highly infectious pathogens, amongst those foot-and-mouth disease virus. The IVI is required to inactivate everything that leaves the facility. This may occur chemically (surface treatment or fumigation) or thermally. Also, animal rooms, especially, need to be fumigated following animal trials. The IVI decided to look for alternatives to formaldehyde fumigation and thus tested and validated the Q-Jet Superior with Sanosil S015. We were able to show that animal rooms can be efficiently, safely and successfully fumigated using the Q-Jet Superior. Besides using bacterial spore indicators to confirm successful fumigation, we also successfully tested and validated the fumigation with foot-and-mouth disease virus.

We can confirm that the Sanosil Q-Jet Superior with Sanosil S015 is a safe and efficient alternative to other fumigation methods on the market and can endorse it without reservations.

Yours sincerely,

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Study Lead

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Head of Biosafety

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