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## **Declaration of chemical analysis and assessment**

Danish Technological Institute has performed chemical testing and toxicologically assessed oral exposure of primary compounds present in a security fog as produced and deployed by Protect A/S.

Testing and assessment are presented in report 865601 and report 858231B.

Tested product: **PROTECT XTRATUS fog**

The toxicological evaluation of the deployed fog shows that the security fog does not pose a risk for consumable foodstuffs in the room after deployment.

The oral risk was evaluated after a piece of cake with a horizontal, upper surface area of 100 cm<sup>2</sup> was modelled in the room. Uniform deposition of the consumed security fog was assumed on horizontal surfaces of the entire fog. The cake was consumed by a child. Calculations were made on the basis of the chemical testing of the deployed security fog and the primary components were included.

Based on the scenario above where a small child consumes a piece of cake, it can be concluded that this does not represent any risk to the child regarding oral exposure to propylene glycol, triethylene glycol, ethanol and menthol.

Best regards  
Danish Technological Institute  
Life Science

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