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|  <p>Institut Pasteur de Lille</p> <p>Vivre mieux, plus longtemps</p> | <p>USM - Unité de Sécurité Microbiologique 1 rue du Professeur Calmette BP 245 - 59019 LILLE Cedex - FRANCE E-mail: usm@pasteur-lille.fr Tel: +33(0)320 877 776 Web: http://usm.pasteur-lille.fr</p> |
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To:
Daikin
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The air purifier model MC55WVM of DAIKIN allows a removal of 99.98 % of Human coronavirus strain 229E from air in a 1.4 m³ chamber after 150 seconds running time in turbo mode.

Tests conducted from January 14th, 2021 to January 26th, 2021, on a device received on December 8th, 2020. The principle of the test consists in nebulizing a calibrated suspension of virus in the air inside an air-tight cabinet with inner volume 1.4 m³. The purifier is then switched on for 150 seconds in turbo mode. Air was then sampled, to collect and quantify surviving viruses. The antiviral efficiency is evaluated by comparison with a reference test where active parts (dust collection electrostatic HEPA filter and Streamer unit) were removed from the purifier.

Lille, July 19th, 2021



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