

Memorandum

To Fong Kim Hee (DorteK Hygienic Door
Systems Pte Ltd)

Copy To Yang Ying (Novartis)

Date 23 Nov 10

Concerning **Results for Disinfectant validation according to novartis quality manual Specification for door skin**

As per Novartis quality manual the disinfectant validation was carried out in 3 phases.

1. Bio burden test
2. Suspension test
3. Surface challenge test.

In surface challenge test different representative surfaces was challenged with specific micro organisms along with disinfectants. Controls were run along with test and recover was calculated. The recover rate meets Novartis quality manual specification.

Door skin was one kind of surface which was tested as per test method of quality manual and it meets Novartis quality manual Specification. The disinfectant was able to kill the challenge micro organism within 10 mins contact time.

Hereby, I like to thanks to you, on the half of novartis for supplying the door skin templates. This helps us to complete our disinfectant validation project within a time. We appreciate your kind support for Novartis.

Thanks a lot

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