

Scientific Services

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K121760-5 (interim)

16th December 2020

LABORATORY REPORT

SOURCE: Protect Professional v2

ITEMS: DP5701

TESTS: Residual activity tests based on procedures documented within PAS2424:2014, Quantitative surface test for the evaluation of residual antimicrobial efficacy of liquid chemical disinfectants on hard non-porous surfaces.

Outline of Method: Stainless steel discs are prepared (cleaned and sterilised) for each selected time point up to 90 days. A water control disc and a DP5701 treated disc is used at each time point.

At day 0, water control discs are prepared by spreading and drying 0.1ml water of standard hardness on the discs. DP5701 discs are also prepared by spreading and drying 0.1ml DP5701 on the discs.

After the specified storage period at ambient temperature and humidity, the discs are tested for residual activity by the addition of 0.01ml of MRSA suspension containing 3.0g/l Bovine albumin. After 5 minutes contact surviving organisms are recovered into a neutraliser solution and counted by standard plating techniques.

RESULTS:

Time	Sample Disc	MRSA/disc	Log Reduction	Percentage reduction
30 days	Water Control DP5701	8.6x10 E5 <10	>4.93	99.9988
60 days	Water Control DP5701	1.0x10 E6 <10	>5.00	99.999
90 days	Water Control DP5701			

KMSelf

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