

Certificate of Analysis

Customer: HODGSON SEALANTS

Date Received: 06.11.2019

Certificate Number: BL037/2019

Date Analysed: 12.11.2019

Date Reported: 15.11.2019

Tick box if customer has provided untreated control samples for inclusion in testing ☐

Test Method: Determination of Antibacterial Activity using Test Based on MOD ISO22196: 2011

		Contact Time*		Reduction against Initial	
Sample	Test Bacterium	0 Hrs	24 Hrs	Log ₁₀	%
Untreated polypropylene	MRSA	1.27E+04	5.75E+04	GROWTH	GROWTH
	<i>E. coli</i>	9.17E+03	7.63E+04	GROWTH	GROWTH
HY-SPEC AG. BATCH 17512002. ANTI-PICK HYBRID POLYMER SEALANT	MRSA	1.27E+04	≤6.25	≥3.31	≥99.95%
	<i>E. coli</i>	9.17E+03	≤6.25	≥3.17	≥99.93%

*Numbers represent Colony Forming Units/CM² at representative contact times.

Data show the changes in size of the initial MRSA (ATCC® 43300™) and *E. coli* (ATCC®8739™) populations due to their contact with the treated surface of the samples. The samples detailed in this CoA were tested for 24 hours at 35°C under a relative humidity of >95% as specified in the ISO22196 method. The results detailed in this CoA relate only to the items tested. This certificate shall not be reproduced except in full, without written approval of BioLabTests.



Noted during testing	
	Note
No. of samples supplied per test:	6 of 6 supplied
Sample size:	Average size: 50 x 50mm
Sample sterilisation method:	DRY HEAT ONLY
Film size:	Average size: 40 x 40mm
Inoculation volume:	Volume: 0.1ml
Initial bacterial concentration:	MRSA: 1.27×10^4 <i>E. coli</i> : 9.17×10^3
Comments (if applicable):	N/A

The control samples used at T=0 and T=24 are 5x5cm polypropylene plaques approximately 3mm in thickness.

The material of the cover slips is polyethylene with a thickness of 0.045mm.

Please note – For all information regarding deviations from ISO22196:2011, please request statement B-Lab-State-007



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