

Certificate of Analysis

Customer Name: Bromoco International
 Customer Contact: Alex Watkins
 Customer Email/Phone: alex@bromocointernational.com
 Certificate Number: BL030/2021

Date Received: 01.04.2021
 Date Analysed: 27.04.2021
 Date Reported: 05.05.2021

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



Test Method: Determination of Antibacterial Activity using Test Based on MOD ISO 22196: 2011

| BioLabTests Sample Reference Number | Sample | Test Bacteria | Contact Time* | | Reduction against Control | |
|-------------------------------------|-----------------------------|----------------|-----------------------|--------|---------------------------|---------|
| | | | 0 Hrs | 24 Hrs | Log ₁₀ | % |
| 210/392 | TOUCH ANTIMICROBIAL COATING | MRSA | 6.96 x10 ⁴ | ≤100 | ≥3.53 | ≥99.97% |
| | | <i>E. coli</i> | 8.89 x10 ⁴ | ≤100 | ≥3.95 | ≥99.99% |

*Numbers represent Colony Forming Units at representative contact times.

The above data describe the difference in the population sizes of the test organisms MRSA (ATCC® 43300™) and *E. coli* (ATCC®8739™), following contact with the surface of the samples detailed in this CoA for 24 hours at 35°C under a RH of >90% relative to the control population. These conditions are those specified by the ISO 22196: 2011 method of analysis. 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.

Please note; samples were received in a ready to test state from the customer apart from sterilisation which is noted below. All testing is performed on site at the BioLabTests address above unless otherwise disclosed.



| Noted during testing | |
|-----------------------------------|---|
| | Note |
| No. of samples supplied per test: | 6 of 6 supplied |
| Sample size: | Average size: 5 x 5 cm |
| Sample sterilisation method: | DRY HEAT AT 65°C FOR ONE HOUR |
| Film size: | Average size: 4 x 4 cm |
| Inoculation volume: | Volume: 0.1ml |
| Initial bacterial concentration: | MRSA: 6.96 x10 ⁵ CFU/ml <i>E. coli</i> : 8.89 x10 ⁵ CFU/ml |
| Comments (if applicable): | Customer provided a suitable control sample |

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

Please note – For all information regarding deviations from ISO 22196:2011, please request statement B-Lab-State-007



Ria Warren BSc (Hons), MRes
 Quality Manager,
 BioLabTests Ltd

END OF REPORT

