



## Technical Report

Devan Report Reference : 14212

Date : 06/05/2020

Customer Project Number : 7413

## Antimicrobial Test Results

Black	Microbiological Analysis Bacterial [1] (% reduction)	Pass/Fail [3]
80% PES/20% Ea	24hrs	
Untreated	0,0	
Treated 50xW60°C	99,99	PASS

## Conclusions:

The samples treated with [redacted] show significant bacterial reduction before and after 50xW60°C. These samples pass the [redacted] quality control standards and criteria.

This project has been approved by :

Devan Lab  
Devan Chemicals

[1] ASTM E2149-13 "Dynamic Shake Flask": 1g sample, 50ml 0.3 mM KH<sub>2</sub>PO<sub>4</sub>, 1x10<sup>5</sup> E.coli/ml, 0.01% Q2-5211 Wetting Agent

[2] Blue Test: BPB Extraction: 1.0 g sample weight, 0.001% BPB dH<sub>2</sub>O solution, 20 minutes exposure, 595 nm Absorbance, 0.01% Q2-5211 Wetting Agent

[3] Pass/Fail: Based on the [redacted] Quality Assurance Standards



The information contained in this test report is the result of our research and experience. It is given in good faith, but under no circumstances does it constitute a guarantee on our part, nor does it hold us responsible, particularly in the case of legal action by a third party.

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