



Shirley  
Technologies  
Limited

## Confidential Report

**Our Ref: 51889**

Shirley Technologies Limited. Registered Office :  
Wira House, West Park Ring Road, Leeds, LS16 6QL.  
A company registered in England & Wales with company number 04669651.  
VAT Number GB 816764800.  
The supply of all goods and services is subject to our standard terms of  
business, copies of which are available on request.  
Our laboratories are accredited to EN ISO/IEC 17025



1066



Shirley  
Technologies  
Limited

Shirley Technologies Limited  
Unit 11, Westpoint Enterprise Park  
Clarence Avenue, Trafford Park  
Manchester, M17 1QS  
England

Tel: +44 (0)161 869 1610  
Fax: +44 (0)161 872 6492  
Web: <http://www.shirleytech.com>  
Email: [info@shirleytech.co.uk](mailto:info@shirleytech.co.uk)

21<sup>st</sup> March 2019

Page 1 of 3

Our Ref: 51889  
Your Ref: 83A03062  
Client: Camira Fabrics Ltd  
Address: Camira Fabrics Ltd  
Meltham Mills  
Meltham  
West Yorkshire  
HD9 4AY  
Job Title: Antibacterial testing

Client's Order Ref:

Date of Receipt: 6<sup>th</sup> March 2019

Description of Sample(s): One sample labelled:  
Intervene Plain 215942 (0105) Curacao (HYH005)

The sample was received in good condition

Work Requested: AATCC 147: 2016

Note: This report relates only to the sample submitted and as described in this report.

Shirley Technologies Limited. Registered Office :  
Wira House, West Park Ring Road, Leeds, LS16 6QL.  
A company registered in England & Wales with company number 04669651.  
VAT Number GB 816764800.  
The supply of all goods and services is subject to our standard terms of  
business, copies of which are available on request.  
Our laboratories are accredited to EN ISO/IEC 17025



1066



Shirley  
Technologies  
Limited

Shirley Technologies Limited  
Unit 11, Westpoint Enterprise Park  
Clarence Avenue, Trafford Park  
Manchester, M17 1QS  
England

Tel: +44 (0)161 869 1610  
Fax: +44 (0)161 872 6492  
Web: <http://www.shirleytech.com>  
Email: [info@shirleytech.co.uk](mailto:info@shirleytech.co.uk)

21<sup>st</sup> March 2019

Page 2 of 3

Our Ref: 51889  
Your Ref: 83A03062

Client: Camira Fabrics Ltd

### **INTRODUCTION**

One sample was received as labelled as above, for testing to AATCC 147: 2016. The client requested testing the face only. Testing commenced on the 14<sup>th</sup> March 2019.

### **METHODOLOGY: AATCC 147: 2016**

An inoculum of *S. aureus* ATCC 6538 was prepared by transferring  $1 \pm 0.1$  ml of a 24 hour nutrient broth culture into  $9 \pm 0.1$  ml of sterile distilled water.

Using a 4mm inoculating loop, one loopful of the diluted inoculum was transferred to the surface of a sterile nutrient agar plate by making five 60 mm long parallel streaks spaced 10 mm apart without refilling the loop.

The non-sterile test specimen was then placed transversely across the five inoculum streaks. A sterile stainless-steel weight was then placed on top of the specimen to ensure intimate contact with the agar surface. The sample was tested in triplicate.

The replicates were then incubated at  $37 \pm 2$  °C for 24 hours and repeated with *K.pneumoniae* ATCC 4352.

The zone of inhibition around the specimen was determined according to the method stated in Section 11 in AATCC Test Method 147:2016.

Controls were performed ensuring that both bacteria did grow adequately.

### **RESULTS**

The replicate samples were examined for any zone of inhibition and if there was any growth under the sample.

The following key is used in the tables below.

W = Width of clear zone of inhibition.

Shirley Technologies Limited. Registered Office :  
Wira House, West Park Ring Road, Leeds, LS16 6QL.  
A company registered in England & Wales with company number 04669651.  
VAT Number GB 816764800.  
The supply of all goods and services is subject to our standard terms of  
business, copies of which are available on request.  
Our laboratories are accredited to EN ISO/IEC 17025



1066

21<sup>st</sup> March 2019

Page 3 of 3

Our Ref: 51889  
 Your Ref: 83A03062  
 Client: Camira Fabrics Ltd

**RESULTS: AATCC 147: 2016**

**Intervene Plain 215942 (0105) Curacoa (HYH005)**

**S. aureus ATCC 6538 – Face of sample – blue**

Specimen	Average W /cm	Growth under sample
1	0	No growth
2	0	No growth
3	0	No growth

**K.pneumoniae ATCC 4352 – Face of sample – blue**

Specimen	Average W /cm	Growth under sample
1	0	No growth
2	0	No growth
3	0	No growth

The criterion for passing the test must be agreed upon by the interested parties. The standard states that to constitute acceptable antibacterial activity, there must be no bacterial colonies directly under the sample in the contact area.

The sample had no growth under the samples and also had no zones of inhibition against *S.aureus* ATCC 6538 and *K.pneumoniae* ATCC 4352. To note, if the stainless-steel weight was not used, the sample would not have made intimate contact with the agar.

There was no contamination of the sample as this was verified with incubating under the same test conditions, without the test bacteria. The control samples performed as expected and proved the validity of the testing.

Reported by:



Zohaib Aslam  
 Laboratory Technician

Countersigned by:



Nibela Asghar  
 Section Leader

Enquiries concerning this report should be addressed to Customer Services.

Shirley Technologies Limited. Registered Office :  
 Wira House, West Park Ring Road, Leeds, LS16 6QL.  
 A company registered in England & Wales with company number 04669651.  
 VAT Number GB 816764800.

The supply of all goods and services is subject to our standard terms of business, copies of which are available on request.  
 Our laboratories are accredited to EN ISO/IEC 17025

