

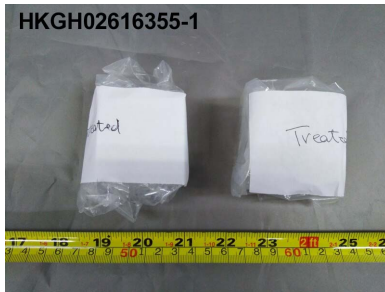
## TEST REPORT

Applicant: MID OCEAN BRANDS BV  
7/F, KINGS TOWER,  
111 KING LAM STREET,  
CHEUNG SHA WAN,  
KOWLOON  
HK  
Attn: GARY YUEN

Number: HKGH02616355

Date: Jul 31, 2020

Submitted sample said to be :  
Item Name : **Sunglass**  
Model No. : **MO7455 / MPSPG01**  
Quantity : 1 pair  
Country of Origin : China



### Conclusion:

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

Requirement	Result
(1) ISO 22196:2011 - Measurement of antibacterial activity on plastics and other non-porous surfaces	See details enclosed

For and on behalf of :  
Intertek Testing Services HK Ltd.

Cindy I.K. Chan  
Vice President



# TEST REPORT

Number : HKGH02616355

(1) Measurement of antibacterial activity on plastics and other non-porous surfaces

Test Standard : International Standard ISO 22196:2011.

Test culture: *Escherichia coli* (ATCC 8739) -  $5.0 \times 10^5$  CFU/mL  
*Staphylococcus aureus* (ATCC 6538P) -  $7.3 \times 10^5$  CFU/mL

Test specimen: 50 mm x 50 mm flat square of submitted sample  
 50 mm x 50 mm flat square of untreated sample as control

Neutralizing solution: D/E neutralizing broth

Contact time / temperature: 24 hours / 35°C

Agar medium: Plate Count Agar

Incubation period / temperature of agar: 48 hours / 35°C

Test condition: 0.4 mL bacterial inoculum was added onto surface of the test specimen sample

Result :

Test microorganism	<i>Escherichia coli</i>	<i>Staphylococcus aureus</i>
Concentration of inoculum (CFU/cm <sup>2</sup> )	$1.2 \times 10^4$	$1.8 \times 10^4$
Average for the number of bacteria recovered from treated specimen after 24 hours incubation (CFU/cm <sup>2</sup> )	<1	<1
Percent reduction of bacteria *	99.99 %	99.99 %

Remark : \* = The result is inconclusive as the untreated sample shows antibacterial function. Therefore, the inoculum counting was used for the calculation of % reduction.

Reference Rating* :	%R	Antibacterial activity
	<90%	Not acceptable
	>90 - <=99%	Insignificant
	>=99.9%	Significant

\*\*\*\*\*



# TEST REPORT

Number : HKGH02616355

Sample received condition: Sample in closed plastic bag.

Date sample received : Jul 20, 2020

Testing period : Jul 22, 2020 to Jul 29, 2020

\*\*\*\*\*

End of report

*This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to and subject to our standard Terms and Conditions which can be obtained at our website: <http://www.intertek.com/terms/>. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Intertek is responsible for all the information provided in the reports, except when information is provided by the Client or when the Client requires the item to be tested acknowledging a deviation from specified conditions that can affect the validity of results.*

*The observations and test results in this report are relevant to the sample(s) tested and submitted by client. The report is not intended to be a recommendation for any particular course of action, you are responsible for acting as you see fit on the basis of the report results. This report does not discharge or release you from your legal obligations and duties to any other person. Only the Client is authorized to permit copying or distribution of this report and the report shall not be reproduced except in full. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.*

