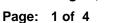


No. : SZIN2008011362SC

Date : Aug 31, 2020





MID OCEAN BRANDS B.V	52IN20080
7/F., KINGS TOWER, 111 KING LAM STREET, CHEUNG SHA V	/AN,
KOWLOON, HONGKONG	
	7/F., KINGS TOWER, 111 KING LAM STREET, CHEUNG SHA W

Sample Name	:	POLYESTER LANYARD
Product Specification	:	1.5*90CM
Material and Mark	:	POLYESTER
Other Information	:	ML1104/ML1204/ML1016/ML1020/ML1154/ML1101/ML1102/ML1015/
		ML1152/ML1105/ML1005/ML1042/ML1043/ML1021/ML1022/ML1040/
		ML1041/ML1131/ML1132/ML3004/ML3009/ML3010/ML3011

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

SGS Ref. No.	:	GZF20-017311-03
Date of Receipt	:	Aug 18, 2020
Testing Start Date	:	Aug 18, 2020
Testing End Date	:	Aug 31, 2020
Test result(s)	:	For further details, please refer to the following page(s) (Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch **Testing Center**

ames Zherry

James Zheng Authorized signatory



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f (86-755) 83197625 e sgs.china@sgs.com



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Sample Description:

Specimen No.	SGS Sample ID	Description
1	GZF20-017311.003	Lanyard

Conclusion:

Name of test bacteria (Strain number)	Antibacterial value:A	Efficacy of antibacterial property	Comment
Staphylococcus		Antibacterial value 2≤A<3,	Pass, the efficacy of
Aureus	2.2	the efficacy of antibacterial property	antibacterial property of
		of the test fabric can be considered	the test fabric can be
(ATCC 6538)		significant;	considered significant
Klebsiella		Antibacterial activity A≥3, the	Pass, the efficacy of
	2.0	efficacy of antibacterial property of	antibacterial property of
pneumoniae		the test fabric can be considered	the test fabric can be
(ATCC 4352)		strong	considered significant



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中国・深圳・龙岗区坂田吉华路430号江蕭工业関4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com



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Test result(s):

Antibacterial Assessment for the submitted sample Test method: ISO 20743:2013 8.1 Absorption method

Name of test bacteria	Staphylococcus Aureus		Klebsiella pneumoniae		
(Strain number)	(ATC	C 6538)	(ATCC	2 4352)	
Concentration of inoculum (CFU/mL)	2.2 × 10 ⁵		1.1 :	1.1 × 10⁵	
Difference of extremes for the	0h	24h	0h	24h	
three control specimens(lg) (condition: less than 1)	< 0.1	< 0.1	< 0.1	0.1	
Difference of extremes for the	0h	20h	0h	20h	
three antibacterial testing					
specimens(lg) (condition: less	< 0.1	< 0.1	< 0.1	< 0.1	
than 2)					
The growth value on the control sample F (F=lgCt-lgC0)	+2.6 +4.0 $(IgC_1: +7.2, IgC_0: +4.6)$ $(IgC_1: +8.4, IgC_1: +8.4, IgC_1: +8.4, IgC_1: +8.4, IgC_1: +8.4)$				
The growth value on the antimicrobial-treated sampleG (G =lgTt-lgT0) *	+0.4 (IgTt: +5.0, IgTo: +4.6) 2.2		+2.0 (lgTt: +6.4, lgT0: +4.4) 2.0		
Antibacterial activity value (A=F-G)					
Measuring method	Plate count method				
Sterilization method		/	1		
Incubation time	24h				

Remark:

1. The control sample is 100% cotton fabric, provided by SGS lab.

2. *In case of $C_0 > T_0$, substitute C_0 for T_0 .

3. Test the lanyard part.



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Sample photo:



Appendix information:

The above test was carried out by SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch.

******** End of report*******



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