

Test Report	NBF20-007375-06	Date: 08 Sep 2020
Client Name:		
Client Address:		
Sample Name:	UVC Sanitizer vacuum bottle	
Manufacturer:	/	
Sample Batch No.:	/	
Production Date:	/	
Sample Other information:	620374	
Above information and sam quoted the information with	uple(s) was/were submitted and cer n no responsibility as to the accura	tified by the client, SGS cy, adequacy and/or

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SGS Reference No.:	15241328
Date of Sample Received:	21 Aug 2020
Testing Period:	21 Aug 2020 – 08 Sep 2020
Test Requested:	Selected test(s) as requested by client
Test Method:	Please refer to the next page(s)
Test Result(s):	Please refer to the next page(s)

Chinese shall prevail in this report.

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SGS Authorized Signature

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Test Report

NBF20-007375-06

Date: 08 Sep 2020

Sample Description:

Specimen No.

1

Description UVC Sanitizer vacuum bottle

TEST REQUESTED:

Selected test(s) as requested by applicant: Add 450ml microbial suspension to a UVC Sanitizer vacuum bottle, turn on the UV lamp and disinfect for five minutes, then take out the water sample to test the sterilization rate of Staphylococcus aureus and Salmonella typhimurium.

TEST STRAIN(S):

Staphylococcus aureus ATCC 6538 Salmonella typhimurium ATCC 14028

SGS Sample ID

NBF20-007375.001

Test Method:

Removal rate of Staphylococcus aureus and Salmonella typhimurium: Refer to Ministry of health of the People's Republic of China, Technical Standard For disinfection (2002) 2.1.4 Effect Evaluation on water disinfection & 2.1.1.3 Living bacterial counting

Test Result(s):

Test result of Staphylococcus aureus:

Test item(s)	Unit	Exposure time	Test	Test Result(s)		*Removal	**Logarithmic decrement	Average	Average of
			time(s) Cor	Control group	Sample group	(%)	Log R=lg (N0/Ns)	rate (%)	logarith <u>照候</u> 演专 decremientTesting
Staphylococcus aureus CF			1	1.6×10 ⁵	< 1	> 99.99	> 5.204	> 99.99	<i>Technical</i> Service 5.199
	CFU/mL	5 minutes	2	1.4×10 ⁵	< 1	> 99.99	> 5.146		
			3	1.7×10 ⁵	< 1	> 99.99	> 5.230		

Test result of Salmonella typhimurium:

Test item(s)	Unit	Exposure time	Test repeat time(s)	Test Result(s)		*Removal	**Logarithmic decrement	Average	Average of
				Control group	Sample group	(s)(%)	Log R=lg (N0/Ns)	rate (%)	decrement
Salmonella typhimurium	CFU/mL	5 minutes	1	1.2×10 ⁵	10	99.99	4.079		
			2	1.3×10⁵	8	99.99	4.211	99.99	4.097
			3	1.1×10 ⁵	11	99.99	4.000		

Remark: 1. *Removal rate (%) = (test result of Control group – test result of Sample group) / test result of Control group×100%

2. **Logarithmic decrement=Log(Control group test result)-Log(Sample group test result)

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Test Report

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Sample photo:



SGS authenticate the photo on original report only *** End ***



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