



中广测



TEST REPORT

Report №.: 2020001975 a E

Customer: Guangzhou Anfu Environmental Protection Technology Co., Ltd

Contact Information: Room 107, 1ST Floor, Building 2, No.21, Hejing South Road, Liwan District, Guangzhou

Test Type: Submitted by Customer Sampling by NACC

Date of sample received: 2020-3-18

Authorized signatory: 林晓珊 Date for Reporting: 2020-4-1



Guangdong Institute of Analysis(China National Analytical Center, Guangzhou)

Remarks: The sample(s) submitted and related information are provided and confirmed by client, and NACC is not responsible for verifying its integrity and authenticity.

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TEST REPORT

Sample Name: Disinfectant Report No.: 2020001975 a E

Sample Lot No./Batch No.: / Testing Period: 18-Mar To 1-Apr

Sample Appearance: Liquid Sample Quantity: 500mL

Other Information: /

Test Results

Item	Test strains	Action time	No.	Result				Method	
				The average number of bacteria in the control sample group (CFU/mL)	The average number of bacteria in the sample group (CFU/mL)	Killing rate (%)	Killing log value		
Bacteriostatic test	Escherichia coli ATCC 8739	10min	1	2.07×10^7	<10	>99.99	>6.31	<Technical Standard For disinfection> (Ministry of Health, 2002), 2.1.1.7	
			2	2.25×10^7	<10	>99.99	>6.35		
			3	2.32×10^7	<10	>99.99	>6.36		
			Average value	2.21×10^7	<10	>99.99	>6.34		
	Staphylococcus aureus ATCC 6538		1	2.81×10^7	<10	>99.99	>6.44		<Technical Standard For disinfection> (Ministry of Health, 2002), 2.1.1.9
			2	2.67×10^7	<10	>99.99	>6.42		
			3	2.86×10^7	<10	>99.99	>6.45		
			Average value	2.78×10^7	<10	>99.99	>6.44		
	Candida albicans ATCC 10231		1	1.45×10^7	<10	>99.99	>6.16	<Technical Standard For disinfection> (Ministry of Health, 2002), 2.1.1.9	
			2	1.59×10^7	<10	>99.99	>6.20		
			3	1.72×10^7	<10	>99.99	>6.23		
			Average value	1.59×10^7	<10	>99.99	>6.20		
Note	Test with the original solution diluted by the client.								





TEST REPORT

Sample Name: Disinfectant Report No.: 2020001975 a E

Sample Lot No./Batch No.: / Testing Period: 18-Mar To 1-Apr

Sample Appearance: Liquid Sample Quantity: 500mL

Other Information: /

Test Results

Item	Test strains	Action time	No.	Result			Conclusion	Method	
				Test treatment group	Number of viable colonies in each test group (CFU/mL)				
					Test 1	Test 2			Test 3
Neutralizer qualification test	Escherichia coli ATCC 8739	10min	1	Disinfectant + bacterial suspension	<10	<10	<10	The error rates of the third, fourth and fifth groups were 7.17%, 5.21% and 3.02% respectively. The sixth group was sterile growth. The test results showed that the neutralizer was qualified.	<Technical Standard For disinfection> (Ministry of Health, 2002), 2.1.1.5
			2	(disinfectant + bacterial suspension) + neutralizer	30	25	60		
		10min	3	Neutralizer + bacterial suspension	2.17×10^7	2.40×10^7	2.55×10^7		
			4	(disinfectant + neutralizer) + bacterial suspension	1.91×10^7	2.18×10^7	2.42×10^7		
			5	Diluent + bacterial suspension	2.34×10^7	2.52×10^7	2.63×10^7		
			6	Diluent + neutralizer + medium	0	0	0		
	Candida albicans ATCC 10231	10min	1	Disinfectant + bacterial suspension	<10	<10	<10		
			2	(disinfectant + bacterial suspension) + neutralizer	65	40	80		
		10min	3	Neutralizer + bacterial suspension	1.58×10^7	1.46×10^7	1.74×10^7		
			4	(disinfectant + neutralizer) + bacterial suspension	1.31×10^7	1.23×10^7	1.52×10^7		
			5	Diluent + bacterial suspension	1.68×10^7	1.63×10^7	1.80×10^7		
			6	Diluent + neutralizer + medium	0	0	0		

Note

- The neutralizer is PBS solution with 0.5%Na₂S₂O₃ and 3%TWEEN 80.
- Test with the original solution diluted by the client.

