



201819000873

TEST REPORT

Report No.: GXX24120158C(E)

Applicant : CAN-AMERICA PHMGH INC.2021

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Report No. :GXX24120158C(E)

Date :2025/01/24

Name of Sample	Polyhexamethylene guanidine effervescent tablet	Brand	GERMFAGA
Sample No.	GXX24120158	Sample appearance	Solid
Model	/	Sample Quantity	14 pieces
Date	December 2023	Batch No.	202312501
Quality guarantee period	/	Test Type	Commission
Sample Received	2024/12/26	Test Period	2025/01/09-2025/01/16
Manufacturer	Jia'an Yujie (Beijing) Trade Development Co., Ltd		
Address	No. 7167, Unit 1, Building 1, No. 33 Guangshun North Street, Chaoyang District, Beijing		
Test Item	Neutralizer identification test;Killing test		
Test Method	Technical Standard For disinfection(2002)		
Test Result/Conclusion	Please refer to next page(s)		
Note	/		

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1.The results of neutralizer identification test:
Table 1

Neutralizer: 2 times D/E neutralizing broth medium.			
Conditions of action: Add 1 samples to 1000 mL of water, dissolve and shake well as the test solution,0.5 min.			
Organic interferents : 3% bovine serum albumin.			
Test method: Technical Standard For disinfection(2002) 2.1.1.5			
Group Number	<i>Escherichia coli</i> 8099 (CFU/mL)		
	1	2	3
1	1	1	1
2	5.3×10^2	5.7×10^2	5.9×10^2
3	2.3×10^7	2.2×10^7	3.1×10^7
4	2.4×10^7	2.6×10^7	2.7×10^7
5	2.1×10^7	2.5×10^7	2.8×10^7
6	0	0	0
Inter-group error rate of 3,4 and 5 groups (%)	4.35	6.94	5.75

Table 2

Neutralizer: 2 times D/E neutralizing broth medium.			
Conditions of action: Add 1 samples to 1000 mL of water, dissolve and shake well as the test solution,0.5 min.			
Organic interferents : 3% bovine serum albumin.			
Test method: Technical Standard For disinfection(2002) 2.1.1.5			
Group Number	<i>Candida albicans</i> (ATCC 10231) (CFU/mL)		
	1	2	3
1	1	1	1
2	6.3×10^2	7.8×10^2	8.9×10^2
3	1.9×10^7	2.4×10^7	2.6×10^7
4	1.7×10^7	2.5×10^7	2.5×10^7
5	1.8×10^7	2.6×10^7	2.8×10^7
6	0	0	0
Inter-group error rate of 3,4 and 5 groups (%)	3.70	2.67	3.85

***** TO BE CONTINUE *****

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2. The results of killing test

Neutralizer: 2 times D/E neutralizing broth medium.

Conditions of action: Add 1 samples to 1000 mL of water, dissolve and shake well as the test solution

Organic interferents : 3% bovine serum albumin.

Test method: Technical Standard For disinfection(2002) 2.1.1.7 and 2.1.1.9

Test Microorganism	Log value (Positive control)	Killing log value (Different times)		
		2.5min	5min	7.5 min
<i>Escherichia coli</i> (8099)	6.36	>5.00	>5.00	>5.00
	6.43	>5.00	>5.00	>5.00
	6.34	>5.00	>5.00	>5.00
<i>Staphylococcus aureus</i> (ATCC 6538)	6.43	>5.00	>5.00	>5.00
	6.32	>5.00	>5.00	>5.00
	6.54	>5.00	>5.00	>5.00
<i>Pseudomonas aeruginosa</i> (ATCC 15442)	6.46	>5.00	>5.00	>5.00
	6.23	>5.00	>5.00	>5.00
	6.36	>5.00	>5.00	>5.00
<i>Candida albicans</i> (ATCC 10231)	5.57	>4.00	>4.00	>4.00
	5.40	>4.00	>4.00	>4.00
	5.38	>4.00	>4.00	>4.00

Note:No growth in negative control.

***** END OF REPORT *****

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