

ePet測定結果報告書



Lohaslore Limited

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Dec 2020

Test Report

Test for Antimicrobial Activity and Field Test

Surface Disinfectant (普通物体表面消毒剂卫生要求本标准) [GB 27952 - 2011]

Date of issue : 06-11-2015

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Castco LRN : MB0151023-39

Details as supplied by client

Client : eWater Projects Ltd.

Client's Ref. No. : --

Address: 9/F., Ting Sun Plaza, 33 Sheung Heung Road, To Gwa Wan, Kowloon

Contract No. : --

Job Title : eWater Ionized Super Alkaline Water (iSAW) for eProducts

Location of Sample Obtained: From iSAW generator of eWater

Date Sampled: 23-10-2015

Sample Description : Bottled iSAW for eCare, ePet, eClean, eFresh, eWipe and other eWater Products

Laboratory test results

Date of sample received : 23-10-2015

Period of test : 27-10-2015 to 30-10-2015

Specimens (Time Points)	Test Bacteria	Initial bacterial count (CFU/ml)	Average bacterial count (CFU/ml)		Bacterial Reduction (%)
			Without Sample	With Sample	
eWater (Instant 0min., 5min., 10min.)	<i>Klebsiella pneumoniae</i> (克雷伯氏肺炎菌)	2.8×10^7	2.8×10^7	1.0×10^2	100.00
eWater (Instant 0min., 5min., 10min.)	<i>Staphylococcus epidermidis</i> (表皮葡萄球菌)	2.3×10^8	2.3×10^8	5.0×10^2	100.00
eWater (Instant 0min., 5min., 10min.)	<i>Salmonella</i> spp. (沙門氏菌屬)	1.5×10^7	1.5×10^7	5.7×10^3	99.96
eWater (Instant 0min., 5min., 10min.)	<i>Escherichia coli</i> (大腸桿菌)	3.3×10^7	3.3×10^7	1.0×10^2	100.00
eWater (Instant 0min., 5min., 10min.)	<i>Legionella pneumophila</i> (退伍軍人菌)	7.9×10^6	7.9×10^6	2.2×10^4	99.72
eWater (Instant 0min., 5min., 10min.)	<i>Aspergillus niger</i> (黑曲霉)	7.4×10^6	7.4×10^6	2.6×10^2	100.00

Antimicrobial activity on

Klebsiella pneumoniae : 5.45
Staphylococcus epidermidis : 5.66
Salmonella spp. : 3.42
Escherichia coli : 5.52

Legionella pneumophila : 2.56
Aspergillus niger : 4.45

Remark :

1. Test results relate only to the specimens tested.

Checked by : LEUNG SZE YUI, TORRESIS
Assistant Technical Manager

Certified by : LO TIM LUN
Senior Manager

End of Report

Test Report

Test for Antimicrobial Activity and Field Test

Skin Disinfectant (皮肤消毒剂卫生要求本标准) [GB 27951 - 2011]

Date of issue : 28-05-2015

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Castco LRN : MB0150518-27

Details as supplied by client

Client : eWater Projects Ltd.

Client's Ref. No. : --

Address: 9/F., Ting Sun Plaza, 33 Sheung Heung Road, To Gwa Wan, Kowloon

Job Title : Product Testing

Contract No. : --

Sample Description : ePet

Date Sampled: 13-05-2015

Laboratory test results

Date of sample received : 18-05-2015

Period of test : 18-05-2015 to 22-05-2015

Specimens (Time Points)	Test Bacteria	Initial bacterial count (CFU/ml)	Average bacterial count (CFU/ml)		Bacterial Reduction (%)
			Without Sample	With Sample	
ePets (Instant 0min., 5min., 10min.)	<i>Staphylococcus aureus</i> (金黄色葡萄球菌)	3.8×10^7	3.8×10^7	1.0×10^2	100.00
ePets (Instant 0min., 5min., 10min.)	<i>Pseudomonas aeruginosa</i> (铜绿假单胞菌)	2.0×10^8	2.0×10^8	9.6×10^2	100.00
ePets (Instant 0min., 5min., 10min.)	<i>Candida albicans</i> (白色念珠菌)	1.7×10^7	1.8×10^7	1.48×10^3	99.99
ePets Field Test (Instant) (CFU/Swab)	Skin Surface Microbial (现场试验)	--	1.0×10^2	1	99.00

Antimicrobial activity on

<i>Staphylococcus aureus</i>	:	<u>5.58</u>
<i>Pseudomonas aeruginosa</i>	:	<u>5.32</u>
<i>Candida albicans</i>	:	<u>4.09</u>
Skin Surface	:	<u>2.00</u>

Remark :

1. Test results relate only to the specimens tested.
2. The antibacterial activity were found >5.0 for *S. aureus* and *P. aeruginosa*, >4.0 for *C. albicans*, in Antimicrobial Activity and >1.0 in Field Test respectively. The results comply with GB 27951 - 2011.

Checked by :


LEUNG SZE YUI, HORASIS
Microbiologist

Certified by :


LO TIM LUN
Senior Manager

End of Report

TEST CERTIFICATE
Chemical Analysis

Date of issue : 01-06-2015

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Castco LRN: EN0150513-33

Sample details as supplied by customer:-

Customer: eWater Projects Ltd.

Customer Ref. No.: --

Address: 9/F., Ting Sun Plaza, 33, Sheung Heung Road, To Gwa Wan, Kowloon

Contract No.: --

Job Title: Product Testing

Sample Identification No.: ePet

Date Sampled: 13-05-2015

Location of Sample Obtained: --

Sampling Certificate attached? Yes; Ref.No.: --/[] NoLaboratory Test Results:-

Date of sample received: 13-05-2015

Test period: 21-05-2015 to 26-05-2015

Test	Results	Method
pH value at 25°C	12.6	Reference to APHA 19e, 4500-H+ B
Water content (%)	99.7	In-house method by Karl Fisher
Ethanol analysis by GC/MS	Not detected	In-house method by GC/MS

Remark(s):

1. Test results only relate to the specimen tested.

Checked by: _____

AU KWOK KIN
Senior Chemist

Certified by: _____

CHENG CHI FAI
Senior Manager

End of Report

Form No. ENV WATER_T1 dd 01/09/2008