

Test Report

Report No: **ASH16-022636-04**

Date: **Jul 13 2016**

Client name: Biotek Environmental Science Ltd.
Client address: 5F/98 Xingde Rd., Sanchung 241, New Taipei City, Taiwan
Sample name: EOS Series
Sample Batch No.: /
Product Date: 2016
Manufacturer: Biotek Environmental Science Ltd.

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

SGS Sample No.: ASH16-022636.001
Date of sample received: Jun 14 2016
Testing period: Jun 14 2016 ~ Jul 13 2016

TEST(S) REQUESTED:

Selected test(s) as requested by applicant
Sterilization test on ozonated water generated by sample machine. The operation steps to get ozonated water from sample machine are as follows:
1/ Connect the machine to water source. Power on and let the sample machine ready to use more than an hour for output flushing.
2/ In the state of performance recharge meter indicating fully recharged, press once the "O3" button to continuously produce ozonated water for 20 seconds. After about 7 seconds of generating water, take the water sample with sealable container, and conduct the testing promptly.

TEST METHOD(S):

Please refer to the next page(s)

TEST STRAIN(S):

Escherichia coli O157 CMCC43895, Salmonella enterica subsp. enterica ATCC14028, Listeria monocytogenes 54001

TEST RESULT(S):

Please refer to the next page(s)

Chinese shall prevail in this report.

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Page 1 of 2

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TEST METHOD(S):

Microbiological reduction test: The test protocol was provided by the client.

Add 0.1ml test bacteria suspension into 100ml fresh ozonated water, mix quickly and contact for 1 minutes.

Take the solution and test the number of viable bacteria refer to Ministry of health of the People's Republic of China, Technical Standard For disinfection (2002) 2.1.1.3. In parallel, conduct the same testing by using tap water of the same temperature, to be used as Positive control group.

TEST RESULT(S):

Test organisms	Bacteria concentration cfu/mL	Contact time	Survival bacteria of sample cfu/mL	Survival bacteria of tap water control sample cfu/mL	Reduction rate(s) (%)
Escherichia coli O157 CMCC43895	4.4x10 ⁸	1min	<1	3.2x10 ⁵	>99.999
Salmonella enterica subsp. enterica ATCC14028	4.6x10 ⁸	1min	<1	4.0x10 ⁵	>99.999
Listeria monocytogenes 54001	4.6x10 ⁸	1min	<1	3.2x10 ⁵	>99.999

SAMPLE DESCRIPTION: EOS Series



*** End ***

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Page 2 of 2

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