



2010090857S

JS/2010-GW0006

Shanghai Jisheng Testing & Consulting Co., Ltd



Test Report

Categories: Time Kill Assay For Antimicrobial Agents

Client: Biotek Environmental Science Ltd.

Report Date: 2010-01-14

Description

1. The report will be invalid if it has been changed.
2. The report will be invalid without stamp of Jisheng laboratory.
3. This report refers only to the commission's test, and the sample(s) submitted to test.
4. This report will be invalid without signature.
5. The objections of this report should be appealed to Jisheng laboratory within fifteen days after the effective date of the report.

Shanghai Jisheng Testing & Consulting Co., Ltd

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Shanghai Jisheng Testing & Consulting Co., Ltd

Test Report

The Following Merchandise Was Submitted & Identified By The Client As:

Sponsor: BIOTEK ENVIRONMENTAL SCIENCE LTD
 Manufacturer/Vendor: BIOTEK ENVIRONMENTAL SCIENCE LTD
 Date of Sample Received: JANUARY 06, 2010
 Date of Testing: JANUARY 14, 2010

Test Requested & Method:

Test organism: Legionella pneumophila (ATCC 33152)

Reference U.S. Pharmacopeia 26 NF 21 Microbiological Tests (51) Antimicrobial Effectiveness Testing.

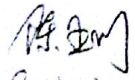
Device Description:

Electrolytic ozone generator that produces 500 mg/h of ozone gas and outputs ozonated water of 1.0 ppm.

Varying ozonated water concentrations were prepared through dilutions of samples outputted from the device. Concentration were verified with Biotek OM-1000 Dissolved Ozone Measurement Device.

Dilution sample was mixed with bacteria medium in the ratio of 100:1

Ozonated Water Concentration	0sec(Initial Inoculation)	10sec	20sec	30sec	Reduction(%)
0.03 ppm	(CFU/ml) 3.8×10^5	6.3×10^4	1.8×10^3	5.4×10	98.57
0.05 ppm	(CFU/ml) 2.6×10^5	7.6×10^3	4.3×10	Not Detected	>99.99
0.10 ppm	(CFU/ml) 6.3×10^5	2.7×10	Not Detected	Not Detected	>99.99
0.30 ppm	(CFU/ml) 4.7×10^5	Not Detected	Not Detected	Not Detected	>99.99
0.50 ppm	(CFU/ml) 5.2×10^5	Not Detected	Not Detected	Not Detected	>99.99
1.00 ppm	(CFU/ml) 3.2×10^5	Not Detected	Not Detected	Not Detected	>99.99

Prepared: 
 Date: 2011-01-14

Review: 金岗
 Date: 2011-01-16

Approval: 夏捷
 Date: 2011-01-14

Shanghai Jisheng Testing & Consulting Co., Ltd

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1.00 ppm	(CFU/ml) 3.2×10^5	Not Detected	Not Detected	Not Detected	>99.99

Prepared: 傅金明

Date: 2011-01-14

Review: 金明

Date: 2011-01-16

Approval: 夏桂

Date: 2011-01-14