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IonWays Distributor & Jupiter
Science Water Ionizer Dealer.
Michael Lofrano 732-240-9017
www.phconnection.com

Chemical Test Results

Test Laboratories:

Seoul Metro Government Institute of Health and Environment, Korea

Mizutek, USA;

Microbac Laboratories, USA;

Brandywine Science Center

In this test, a specially concocted “brew” containing over -limit quantities of every commonly detected dangerous chemical was passed through an Emco Tech Ionizer. The results show that contaminants were reduced in most cases to levels undetectable by the performing labs.

Contaminant Standard mg / liter Result mg / liter

KmnO4 10.0 2.7

Lead 0.05 ND

Fluoride 1.5 ND

Arsenic 0.05 ND

Cyanide 0.01 ND

Mercury 0.001 ND

Selenium 0.01 ND

Chromium (6+) 0.05 ND

Cadmium 0.01 ND

Phenol 0.005 ND

Diazinon 0.02 ND

Malathion 0.25 ND

Parathion 0.06 ND

Fenitrothion 0.04 ND

1,1,1 Trichloroethane 0.1 ND

Tetrachloroethylene 0.03 ND

Dichloromethane 0.02 ND

Benzene 0.01 ND

Xylene 0.5 ND

1,1 Dichloroethylene 0.03 ND

Carbon Tetrachloride 0.002 ND

Methylene Chloride 25.0ppm 5.0ppm

Nitrate 10.0 1.82

Iron 0.3 <0.02

Manganese 0.05 <0.02

Sodium 20.0 8.0

(Note: ND indicates: not detectable within range of detection equipment)

Client: **Omnisphere Inc.**
 Attention: **Greg Misumi**
 Project:
 P.O.:
 Sample Type: **Water**
 Date Sampled: **Oct 29/05**
 Date Received: **Nov 02/05**
 Date Analysed: **Nov 07-09/05**
 Date Reported: **Nov 10/05**

ENTECH

A Division of Agri-Service Lab Inc.
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Certificate of Analysis

for METAL SCAN

Data Pertain To Specific Sample(s) Tested

PARAMETER	MDL µg/L	Technique	CONTROL	SAMPLE	SAMPLE DATA (µg/L)			
			Expected µg/L	Found µg/L	Blank	59187 EmcoTech Biostone	59187 EmcoTech Biostone Duplicate	
Aluminum	30	ICP - AES	402	438	<30	<30	<30	
Antimony	1	Hy - AAS	0.03	0.03	<1	<1	<1	
Arsenic	1	Hy - AAS	258	248	<1	<1	<1	
Barium	1	ICP - AES	854	819	<1	22.20	21.50	
Beryllium	0.2	ICP - AES	96	102	<0.2	<0.2	<0.2	
Boron	1	ICP - AES	898	855	<1	25.80	25.80	
Cadmium	0.2	ICP - AES	507	489	<0.2	<0.2	<0.2	
Calcium	20	ICP - AES	22100	23500	<20	40967	40817	
Chromium	10	ICP - AES	376	374	<10	<10	<10	
Cobalt	2	ICP - AES	777	818	<2	<2	<2	
Copper	2	ICP - AES	346	341	<2	2.62	2.40	
Iron	5	ICP - AES	338	346	<5	6.20	5.90	
Lead	4	ICP - AES	197	209	<4	<4	<4	
Magnesium	10	ICP - AES	4555	4404	<10	9226	9236	
Manganese	1	ICP - AES	140	139	<1	1.10	1.00	
Mercury	0.02	CV - AAS	3.74	3.5	<0.02	<0.02	<0.02	
Molybdenum	7	ICP - AES	554	575	<7	<7	<7	
Nickel	5	ICP - AES	469	463	<5	<5	<5	
Potassium	100	ICP - AES	12800	13040	<100	2071	2081	
Selenium	1	Hy - AAS	19	15.7	<1	<1	<1	
Silver	1	ICP - AES	198	185	<1	<1	<1	
Sodium	25	ICP - AES	21600	21970	<25	13779	13809	
Vanadium	5	ICP - AES	557	1048	<5	<5	<5	
Zinc	2	ICP - AES	274	273	<2	3	3	

Note - Sample is not drinking water as per client.

Sample Disposal: 30 Days from the Reporting Date.

Analyst(s): **PI, MR, AP**

Metals: **ICP-AES(EPA 3005/200.7/200.15)**



Sam Sanyal, M. Sc., C.Chem.
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