Mineral Resources International, Inc. (MRI)
Laboratory
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Certificate of Analysis

In Plant Quality Control

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Product Name: ConcenTrace
Country of Origin: United States of America
Lot Number: 001-K08
Manufactured (Test) Date: 3-Dec-2018
Best Sold By / Best Before End: 3-Dec-2022

Mineral Analysis

Minerals	Method	Specification	Average	Lot Results
Magnesium	ICP-OES	96 ~ 111 mg/mL	101 mg/mL	106 mg/mL
Sodium	ICP-OES	≤ 4.4 mg/mL	3.3 mg/mL	2.9 mg/mL
Potassium	ICP-OES	≥ 1.0 mg/mL	1.8 mg/mL	1.8 mg/mL
Chloride	Anions by LC	260 ~ 350 mg/mL	290 mg/mL	274 mg/mL
Sulfate	Anions by LC	13.0 ~ 30.0 mg/mL	19.0 mg/mL	13.6 mg/mL
Lithium	ICP-OES	Verified Present	0.67 mg/mL	0.50 mg/mL
Boron	ICP-OES	Verified Present	0.56 mg/mL	0.16 mg/mL

<This product also contains other naturally occurring trace Minerals found in the Great Salt Lake. If you need a full spectrum test results, please contact your sales representative.>

Heavy Metal Analysis

Heavy Metals	Method	Specification	Average	Lot Results
Total Heavy Metals*	EPA SW6020, EPA SW7040	< 5 ppm	< 5 ppm	<5 ppm

* Total heavy metals include As, Cd, Pb, and Hg.

Other Contaminant Analysis

Contaminant Group	Method	Specification	Average	Lot Results
Pesticides	EPA SW846 Method 8081	Less than U.S. EPA MCL	Conform	Conform
Polychlorinated Biphenyl (PCBs)	EPA SW846 Method 8082	Less than U.S. EPA MCL	Conform	Conform
Herbicides	EPA SW846 Method 8151	Less than U.S. EPA MCL	Conform	Conform
Semi-Volatiles (including PAHs)	EPA SW846 Method 8270	Less than U.S. EPA MCL	Conform	Conform

Physical Data

Physical Description	Method	Specification	Average	Lot Results
Specific Gravity	MRI SOP QL0100	1.24 ~ 1.37	1.30	1.30
pH	MRI SOP QL0160	4.5 ~ 6.4	5.71	5.60
Refractive Index	MRI SOP QL0150	46.8 ~ 51.7 Degree Brix	49.4 Degree Brix	50.4 Degree Brix
Color	Visual	Light Yellow	Light Yellow	Light Yellow

Microbiological Profile

Microbe	Method	Specification	Average	Lot Results
Standard Plate Count	FDA BAM 8th Ed.	<10,000 CFU/mL	< 25 cfu/ml	<25 CFU/mL
Total Coliform	AOAC 991.14	<100 CFU/mL	<100 CFU/mL	<10 CFU/mL
Escherichia coli	USP <2022>	Absent/10 mL	Absent/10 mL	Absent/10 mL
Enterobacteriaceae	USP <2021>	<10 MPN/mL	<10 MPN/mL	<10 MPN/mL
Pseudomonas aeruginosa	USP <2022>	Absent/10 mL	Absent/10 mL	Absent/10 mL
Staphylococcus aureus	USP <2022>	Absent/10 mL	Absent/10 mL	Absent/10 mL
Yeast & Fungus	FDA BAM 8th Ed.	<1,000 CFU/mL	< 25 cfu/ml	<25 CFU/mL

Analyst: _____ Date Signed: DEC 20 2018

Reviewer: _____ Date Signed: DEC 20 2018

Quality Assurance: _____ Date Signed: DEC 20 2018

The data and information herein are believed to be correct based on our testing methods; however, we do not guarantee the duplication of these results by a third party.

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The prospective user determines the suitability of the product for intended use. As testing improves, the specifications, averages, and the best-sold-by date may change without notice.

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