



- CERTIFICATE of ANALYSIS -

Product Name: [REDACTED]	Product Number: [REDACTED]
Country of Origin: United States	Batch Number: [REDACTED]
Handling Instructions: See SDS attached	Date of Manufacture: 10/26/2022
Laboratory FDA Registration Number: [REDACTED]	Retest Date: 10/2027
[REDACTED]	Lab Report Numbers: [REDACTED]
Packaging: 1 oz., 2 oz. 20 L, 1,000 L	Test Completion Date(s): 11/15/2022

Physical Data:	Specification	Result	Per Unit	Method
pH	1.8-2.3	2.01	N/A	EPA 150.1
SG=Specific Gravity (G/CC)	1.050-1.200	1.08	G/CC	Modified USP <841>
Sample Type:	Liquid	Complies	N/A	Physical/Visual
Fulvic Acid: (%)	1.0-8.0	6.26	%	IHSS/Lamar/AOAC/Extrapolated

Minerals	Specification ppm	Result	Per Unit	Method
Calcium	<6,500	1,140	ppm	ICP-OES USP <730>
Iron	8000 - 20,000	10,800	ppm	ICP-OES USP <730>
Magnesium	500 -10,000	1,040	ppm	ICP-OES USP <730>
Sodium	1,000 - 3,000	2,870	ppm	ICP-OES USP <730>
Sulfur	10,000 - 50,000	15,900	ppm	ICP-OES USP <730>

Heavy Metals	Specification ppm	Result	Per Unit	Method
Arsenic	< 10	1.481	ppm	ICP-MS USP <730>
Cadmium	< 1	0.354	ppm	ICP-MS USP <730>
Lead	< 2	0.008	ppm	ICP-MS USP <730>
Mercury	<0.10	<0.001	ppm	ICP-MS USP <730>

Microbiology:	Specification	Result	Per Unit	Method
Total Aerobic Microbial Count	< 10,000	< 10	CFU/g	USP <2021>
Coliform Count	< 3	< 3	MPN/g	FDA BAM
E. Coli Count	< 3	< 3	MPN/g	FDA BAM
Salmonella	Absent per 10 g	Absent	per 10 g	USP <2022>
Staphylococcus aureus	Absent per 10 g	Absent	per 10 g	USP <2022>
Yeast	< 100	<10	CFU/g	USP <2021>
Mold	< 100	< 10	CFU/g	USP <2021>

Quality Unit Release Date: 11/29/2022