

	Lab #223997-01			Advanced Laboratories	
				FDA Registration #14353128308	
Fossil Shell Flour				40 West Louise Ave., Salt Lake City, UT 84115	
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11-Mar-22					
Certificate of Analysis					
Aluminum	4,998	ppm	ICP-OES USP <730>	Typical Physical and Optical Properties	
Antimony	0.67	ppm	ICP-OES USP <730>	Bulk Density	650 kg/m ³
Arsenic	4.653	ppm	ICP-MS USP <730>	Median Particle Size (microns)	10
Barium	97.7	ppm	ICP-OES USP <730>	325 Mesh Screen Residue %	2.00
Beryllium	<.5	ppm	ICP-OES USP <730>	Refractive Index	1.43
Bismuth	3.17	ppm	ICP-OES USP <730>	Oil Absorption, Spatula Rub-Out Method, %	120.00
Boron	<.5	ppm	ICP-OES USP <730>	Brightness, Green Filter	85.00
Cadmium	0.078	ppm	ICP-MS USP <730>	Loose Weight, Lbs./cu.ft. (gm/liter)	12.0/192
Calcium	3223.0	ppm	ICP-OES USP <730>	Specific Gravity	2.20
Chromium	3.790	ppm	ICP-OES USP <730>	Surface Area, m ² /gm	35.70
Cobalt	1.930	ppm	ICP-OES USP <730>	Median Pore Diameter, microns	1.20
Copper	8.440	ppm	ICP-OES USP <730>	Moisture	2% max
Iron	5101.0	ppm	ICP-OES USP <730>		
Lanthanum	2.040	ppm	ICP-OES USP <730>	SIO2 content: 89.00% PH 8	
Lead	2.696	ppm	ICP-MS USP <730>	Color : Off White	
Lithium	8.640	ppm	ICP-OES USP <730>	Crystalline Silica Content less than half of one percent	
Magnesium	1298.0	ppm	ICP-OES USP <730>		
Manganese	29.600	ppm	ICP-OES USP <730>	The digests are diluted with ultra-pure water to a final nitric acid	
Mercury	<.001	ppm	ICP-MS USP <730>	content of 5% which provided a matrix match for the analytical standards	
Molybdenum	<.5	ppm	ICP-OES USP <730>	The prepared samples were analyzed by ICP-MS and accessed against	
Nickel	2.970	ppm	ICP-OES USP <730>	concentration curves of known standards.	
Niobium	<.5	ppm	ICP-OES USP <730>	The physical or chemical properties of Fossil Shell Fertilizante	
Phosphorus	90.400	ppm	ICP-OES USP <730>	Micronizado represent average values obtained in accordance with	
Potassium	436.000	ppm	ICP-OES USP <730>	the generally accepted test methods	
Selenium	<0.5	ppm	ICP-OES USP <730>	and are subject to normal manufacturing variations. They are supplied as a	
Silicon	3405	ppm	ICP-OES USP <730>	technical service and are subject to change without notice. Technical data shown	
Silver	<0.5	ppm	ICP-OES USP <730>	above are considered accurate and reliable. However, no guarantee is given or intended.	
Sodium	422.000	ppm	ICP-OES USP <730>	For important health and safety information please refer to the SDS.	
Strontium	35.300	ppm	ICP-OES USP <730>	PO: EB-22-PG-05	
Sulfur	31.100	ppm	ICP-OES USP <730>	Lot number: FRP22189	
Tin	0.236	ppm	ICP-MS USP <730>	Manufacture date: July 8, 2022	
Titanium	209.000	ppm	ICP-OES USP <730>	Expiration dtae: none	
Tungsten	<0.5	ppm	ICP-OES USP <730>		
Vanadium	26.300	ppm	ICP-OES USP <730>		
Yttrium	0.674	ppm	ICP-OES USP <730>		
Zinc	21.700	ppm	ICP-OES USP <730>		
Zirconium	14.300	ppm	ICP-OES USP <730>		

