

## Test Certificate - Amended

Sample Description: ALPHA TMD 450x	Client Name: Alpha Health Support
Sample Lot Number: 187133CB13	and Address: Attn: Administration
Sample Part Code:	89018 Balboa Blvd #120
Location:	Northridge, CA 91325
PO No:	
Received Date: 1/16/13 16:59	Lab No: 75109-01A
Completed Date: 1/23/2013	


Lab Comments:

Humic & fulvic acids total: 57,300 ppm

Analysis	Result	Per Unit	Method
Aluminum	4,626	ppm	ICP-OES USP <730>
Antimony	<0.5	ppm	ICP-OES USP <730>
Barium	<0.5	ppm	ICP-OES USP <730>
Beryllium	14.80	ppm	ICP-OES USP <730>
Bismuth	5.354	ppm	ICP-OES USP <730>
Boron	60.13	ppm	ICP-OES USP <730>
Calcium	550.8	ppm	ICP-OES USP <730>
Carbon	180	ppm	LECO
Cerium	50.614	ppm	ICP-MS USP <730>
Cesium	0.005	ppm	ICP-MS USP <730>
†Chloride	0.868	mg/ml	USP <221> Titration
Chromium	6.262	ppm	ICP-OES USP <730>
Cobalt	19.83	ppm	ICP-OES USP <730>
Copper	2.633	ppm	ICP-OES USP <730>
Dysprosium	4.687	ppm	ICP-MS USP <730>

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Results Approved By:  Dated: 1/23/2013  
 Shane Shupe-Technical Manager

Tests marked with † were done at Atlas Bioscience Labs, LLC, a joint venture with Advanced Laboratories. - 1775 S. Pantano Rd - Ste #110, Tucson, AZ 85710

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Erbium	2.525	ppm	ICP-MS USP <730>
Europium	1.322	ppm	ICP-MS USP <730>
†Fluoride	0.016	mg/ml	AOAC 939.11
Gadolinium	6.615	ppm	ICP-MS USP <730>
Gallium	<0.001	ppm	ICP-MS USP <730>
Germanium	0.088	ppm	ICP-MS USP <730>
Gold	<0.5	ppm	ICP-MS USP <730>
Hafnium	0.063	ppm	ICP-MS USP <730>
Holmium	0.908	ppm	ICP-MS USP <730>
Indium	<0.001	ppm	ICP-MS USP <730>
†Iodine	0.094	mg/ml	ICP-MS USP <730>
Iridium	0.001	ppm	ICP-MS USP <730>
Iron	20,580	ppm	ICP-OES USP <730>
Lanthanum	28.19	ppm	ICP-OES USP <730>
Lithium	4.317	ppm	ICP-OES USP <730>
Lutetium	0.311	ppm	ICP-MS USP <730>
Magnesium	2,237	ppm	ICP-OES USP <730>
Manganese	119.1	ppm	ICP-OES USP <730>
Molybdenum	0.974	ppm	ICP-OES USP <730>
Neodymium	30.286	ppm	ICP-MS USP <730>
Nickel	26.95	ppm	ICP-OES USP <730>
Niobium	<0.5	ppm	ICP-OES USP <730>
Osmium	0.006	ppm	ICP-MS USP <730>
Palladium	0.167	ppm	ICP-MS USP <730>
Phosphorus	691.4	ppm	ICP-OES USP <730>
Platinum	<0.001	ppm	ICP-MS USP <730>
Potassium	8.200	ppm	ICP-OES USP <730>
Praseodymium	7.796	ppm	ICP-MS USP <730>
Rhenium	0.006	ppm	ICP-MS USP <730>
Rhodium	0.001	ppm	ICP-MS USP <730>

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Rubidium	0.009	ppm	ICP-MS USP <730>
Ruthenium	<0.001	ppm	ICP-MS USP <730>
Samarium	6.404	ppm	ICP-MS USP <730>
Scandium	4.877	ppm	ICP-MS USP <730>
Selenium	<0.5	ppm	ICP-OES USP <730>
Silicon	77.51	ppm	ICP-OES USP <730>
Silver	<0.5	ppm	ICP-OES USP <730>
Sodium	7.165	ppm	ICP-OES USP <730>
Strontium	5.524	ppm	ICP-OES USP <730>
Sulfur	29,925	ppm	ICP-OES USP <730>
Tantalum	0.012	ppm	ICP-MS USP <730>
Tellurium	<0.5	ppm	ICP-OES USP <730>
Terbium	0.538	ppm	ICP-MS USP <730>
Thallium	<0.5	ppm	ICP-OES USP <730>
Thorium	1.963	ppm	ICP-OES USP <730>
Thulium	0.322	ppm	ICP-MS USP <730>
Tin	<0.5	ppm	ICP-OES USP <730>
Titanium	0.732	ppm	ICP-OES USP <730>
Tungsten	4.819	ppm	ICP-OES USP <730>
Vanadium	<0.5	ppm	ICP-OES USP <730>
Ytterbium	2.057	ppm	ICP-MS USP <730>
Yttrium	25.61	ppm	ICP-OES USP <730>
Zinc	94.15	ppm	ICP-OES USP <730>
Zirconium	2.405	ppm	ICP-OES USP <730>
Mercury	0.001	ppm	ICP-MS USP <730>
Lead	0.396	ppm	ICP-MS USP <730>
Arsenic	3.028	ppm	ICP-MS USP <730>
Cadmium	0.670	ppm	ICP-MS USP <730>
Metals Digestion			Microwave Digestion
Nitrogen	<0.2	%	AOAC 990.03

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Lab No. 75109-01A replaces 75109-01

pH

Total Dissolved Solids

1.40

115,729

ppm

EPA 150.1

AOAC 920.193

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