



**Advanced Laboratories, Inc.**

40 West Louise Ave.  
Salt Lake City, UT 84115  
801-485-1800 Fax 801-484-9211

## *Test Certificate*

Sample Description: Fulvic Acid XL

Sample Lot Number: MSM-700970-1

Sample Part Code: PO 5327

Location:

Received Date: 12/7/06 15:52

Completed Date: 12/18/2006

Client Name

and Address:

Lab No: 30437-01

Lab Comments:

<b>Analysis</b>	<b>Result</b>	<b>Per Unit</b>	<b>Method</b>
Aluminum	3.71	ppm	
Antimony	0.016	ppm	
Arsenic	0.052	ppm	
Barium	0.028	ppm	
Beryllium	<0.01	ppm	
Bismuth	0.009	ppm	
Boron	0.168	ppm	
Bromine	4.89	ppm	
Cadmium	<0.01	ppm	
Calcium	54.3	ppm	
Carbon	22,800	ppm	
Cerium	0.009	ppm	
Cesium	0.010	ppm	
Chloride	76.5	ppm	
Chromium	0.029	ppm	
Cobalt	<0.01	ppm	
Copper	3.76	ppm	
Dysprosium	0.006	ppm	
Erbium	0.010	ppm	
Eurobium	<0.005	ppm	
Fluoride	2.76	ppm	
Gadolinium	<0.005	ppm	
Gallium	0.019	ppm	
Germanium	0.011	ppm	
Gold	<0.01	ppm	
Hafnium	0.026	ppm	
Holmium	<0.01	ppm	
Indium	0.008	ppm	
Iodine	2.25	ppm	



## Advanced Laboratories, Inc.

40 West Louise Ave.  
Salt Lake City, UT 84115  
801-485-1800 Fax 801-484-9211

Iridium	<0.01	ppm
Iron	2.77	ppm
Lanthanum	<0.005	ppm
Lead	<0.05	ppm
Lithium	0.516	ppm
Lutetium	0.006	ppm
Magnesium	1.28	ppm
Manganese	0.037	ppm
Mercury	<0.01	ppm
Molybdenum	0.011	ppm
Neodymium	<0.005	ppm
Nickel	<0.01	ppm
Niobium	0.008	ppm
Osmium	<0.005	ppm
Palladium	<0.01	ppm
Phosphorous	4.88	ppm
Platinum	<0.01	ppm
Potassium	14.6	ppm
Praseodymium	<0.005	ppm
Rhenium	<0.005	ppm
Rhodium	<0.01	ppm
Rubidium	2.098	ppm
Ruthenium	0.026	ppm
Samarium	0.022	ppm
Scandium	0.018	ppm
Selenium	0.069	ppm
Silicon	10.9	ppm
Silver	3.11	ppm
Sodium	24.4	ppm
Strontium	0.035	ppm
Sulfur	48.1	ppm
Tantalum	0.025	ppm
Tellurium	<0.01	ppm
Terbium	<0.005	ppm
Thallium	<0.01	ppm
Thorium	<0.005	ppm
Thulium	0.014	ppm
Tin	0.037	ppm
Titanium	0.151	ppm
Tungsten	0.039	ppm
Vanadium	0.085	ppm
Ytterbium	0.008	ppm
Yttrium	0.035	ppm



**Advanced Laboratories, Inc.**

40 West Louise Ave.  
Salt Lake City, UT 84115  
801-485-1800 Fax 801-484-9211

Zinc	0.194	ppm
Zirconium	0.136	ppm
Fulvic Acid	4.96	%

**THESE RESULTS ARE ASSIGNED ONLY TO THE SAMPLE SUBMITTED NOT TO THE PRODUCT IT WAS TAKEN FROM.**

**THIS CERTIFICATE SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL FROM THE LABORATORY.**

Results Approved By: Richard N. Draper

Dated: 12/18/2006



Advanced Laboratories, Inc.

40 West Louise Ave.  
Salt Lake City, UT 84115  
801-485-1800 Fax 801-484-9211

## Test Certificate

Sample Description: Fulvic Acid Volcomin

Client Name

Sample Lot Number: MSM-700970-1

and Address:

Sample Part Code: PO 5327

Location:

Received Date: 12/7/06 15:52

Completed Date: 12/18/2006

Lab No: 30437-02

Lab Comments:

Analysis	Result	Per Unit	Method
Aluminum	4.46	ppm	
Antimony	0.035	ppm	
Arsenic	0.040	ppm	
Barium	0.092	ppm	
Beryllium	<0.005	ppm	
Bismuth	0.028	ppm	
Boron	0.411	ppm	
Bromine	9.75	ppm	
Cadmium	<0.01	ppm	
Calcium	124	ppm	
Carbon	36,300	ppm	
Cerium	0.018	ppm	
Cesium	0.007	ppm	
Chloride	104	ppm	
Chromium	0.037	ppm	
Cobalt	<0.01	ppm	
Copper	4.35	ppm	
Dysprosium	0.011	ppm	
Erbium	0.026	ppm	
Eurobium	<0.01	ppm	
Fluoride	3.79	ppm	
Gadolinium	<0.01	ppm	
Gallium	0.037	ppm	
Germanium	0.028	ppm	
Gold	0.006	ppm	
Hafnium	0.020	ppm	
Holmium	<0.01	ppm	
Indium	0.007	ppm	
Iodine	3.16	ppm	



## Advanced Laboratories, Inc.

40 West Louise Ave.  
Salt Lake City, UT 84115  
801-485-1800 Fax 801-484-9211

Iridium	<0.005	ppm
Iron	3.15	ppm
Lanthanum	<0.01	ppm
Lead	<0.05	ppm
Lithium	0.044	ppm
Lutetium	0.008	ppm
Magnesium	4.07	ppm
Manganese	0.039	ppm
Mercury	<0.01	ppm
Molybdenum	0.028	ppm
Neodymium	<0.005	ppm
Nickel	<0.01	ppm
Niobium	0.014	ppm
Osmium	<0.005	ppm
Palladium	<0.005	ppm
Phosphorous	5.76	ppm
Platinum	<0.005	ppm
Potassium	21.9	ppm
Praseodymium	<0.005	ppm
Rhenium	<0.005	ppm
Rhodium	<0.005	ppm
Rubidium	2.84	ppm
Ruthenium	0.016	ppm
Samarium	0.028	ppm
Scandium	0.025	ppm
Selenium	0.085	ppm
Silicon	16.7	ppm
Silver	8.29	ppm
Sodium	43.6	ppm
Strontium	0.052	ppm
Sulfur	62.3	ppm
Tantalum	0.031	ppm
Tellurium	<0.01	ppm
Terbium	0.011	ppm
Thallium	<0.01	ppm
Thorium	<0.005	ppm
Thulium	0.018	ppm
Tin	0.046	ppm
Titanium	0.224	ppm
Tungsten	0.043	ppm
Vanadium	0.096	ppm
Ytterbium	0.017	ppm
Yttrium	0.048	ppm



**Advanced Laboratories, Inc.**

40 West Louise Ave.  
Salt Lake City, UT 84115  
801-485-1800 Fax 801-484-9211

Zinc	0.275	ppm
Zirconium	0.098	ppm
Fulvic Acid	6.78	%

**THESE RESULTS ARE ASSIGNED ONLY TO THE SAMPLE SUBMITTED NOT TO THE PRODUCT IT WAS TAKEN FROM.**

**THIS CERTIFICATE SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL FROM THE LABORATORY.**

Results Approved By: Richard N. Draper

Dated: 12/18/2006