

# CERTIFICATE OF ANALYSIS

Mineral Logic  
326 West Kalamazoo Avenue  
# 405 A  
Kalamazoo Michigan 49007  
E-mail ralf@minerallogic.com  
269-552-9436

Material: Concentrated 70 Plus Fulvic Liquid Minerals  
Packaging: 1 gallon bottles/4 to a case  
Lot: #990224-03 Date: July 30/2007  
Expiration date: Non needed (will not expire)  
Handling Instructions: See MSDS attached

## Sample Type

Aqueous

## Physical Data:

Specific Gravity 1.09  
PH 2.27  
Boiling Point 130 C  
Color Dark Brownish Red Liquid  
Electrical Conductivity: umhos/cm2

<u>Analyses</u>	<u>Result</u>
Magnesium	33,290 ppm
Chloride	162 ppm
Sodium	2.88 ppm
Sulfur	6100 ppm
Potassium	27.2 ppm
Lithium	1.01 ppm
Vanadium	0.02 ppm
Boron	2.69 ppm
Calcium	487 ppm
Carbon	31,900ppm

## Microbial Profile:

Coliform Non Detectable  
Plate Count < 10 ppm  
Salmonella Negative  
Ecoli Non Detectable  
Yeast and mold < 100 ppm

## Metal Count:

Lead (pb) Less than 0.82 ppm  
Aluminum 820 ppm  
Mercury Less than 0.01 ppm  
Cadmium Less than 0.01  
Arsenic Less than 0.05 ppm

Approved by,

*Ralf Ostertag*