



# Waters Agricultural Laboratories, Inc.

## Fertilizer Analysis Report

2101 Calhoun Rd. Highway 81 Owensboro, Kentucky 42301 Phone: (270) 685-4039

Ship To: <b>Julia Kleyman</b>	Grower: <b>Julia Kleyman</b>	
	Sample Number: <b>Sapropel</b>	Date Submitted: <b>10/10/2017</b>
	Lab Number: <b>37429FT</b>	Report Date: <b>10/13/2017</b>
	Claimed Content: <b>Liquid Fertilizer</b>	

Nitrogen – Total	0.47	%
Phosphorus	265.2	ppm
Potassium	97.12	ppm
Magnesium (Total)	394.2	ppm
Calcium	0.19	%
Sulfur	644.9	ppm
Boron	0.17	ppm
Zinc	30.05	ppm
Manganese	90.39	ppm
Iron	0.67	%
Copper	3.48	ppm
Aluminum	0.133	%
Sodium	15.77	ppm
Arsenic	1	ppm
Cadmium	0.068	ppm
Cobalt	2.24	ppm
Chromium	8.25	ppm
Lead	1.44	ppm
Nickel	3.84	ppm
Mercury	0.011	ppm
Molybdenum	0.131	ppm
Selenium	0.075	ppm
Silicon	98.32	ppm
Moisture	87.13	%
Ash	9.16	%

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Organic Matter	3.69	%
pH	6.71	
Humic Acid	2.06	%

**Results Reported On:** L=LIQUID BASIS

**Remarks** Method of Analysis (Total): EPA 1311 Sample Preparation: EPA 3050B  
 Analysis: EPA 6010B; Mercury: EPA 7470A; Arsenic: EPA 7061A  
 MDL (ppm): As 0.001; Hg 0.001; Pb 0.15; Cd 0.015; Cr 0.015; Se 0.001; B 0.012; Zn 0.005; Mo 0.015; Ni 0.012;  
 Cu 0.015; Co 0.015  
 BDL=Below Detection Limits