

# SourceX<sup>®</sup> FINES

**Bulk Density: 46.19 pounds per cubic foot (739.89 kg/m<sup>3</sup> metric equivalent)**

## Typical Data - Random Sample

Performance Properties	As Received	Dry Weight
Moisture	15%	
Total Solids	85%	
Organic Matter	59.5%	70%
Ash	25.4%	29.88%
C:N Ratio	41:1	
Total Carbon	37.12%	43.67%
pH	3.7	

Nutrients	As Received	Dry Weight
Nitrogen (N)		
Total	0.91%	1.07%
Organic (N)	0.83%	0.97%
Ammonium Nitrogen (N)	0.053%	0.062%
Nitrate Nitrogen (N)	0.03%	0.04%
Sulfur (S)	2.11%	2.48%
Calcium (C)	2.78%	3.27%
Magnesium (Mg)	0.67%	0.79%
Sodium (Na)	0.140%	0.165%

Micronutrients	As Received	Dry Weight
Iron (Fe)	14800 ppm	17412 ppm
Manganese (Mn)	210 ppm	247 ppm
Zinc (Zn)	64.4 ppm	76 ppm
Copper (Cu)	23.6 ppm	28 ppm
Boron (B)	< 100 ppm	

Analysis above conducted by Midwest Laboratory, Inc., Omaha, NE, March 2021

### Humic Acid Analysis by Mottz Laboratory, Inc., Phoenix, AZ, March 2021

Humic Acid	45.52%	ISO 19822
Hydrophobic Fulvic Acid	4.43%	ISO 19822

### Humic Acid Analysis by Midwest Laboratories, Inc., Omaha, NE, March 2021

Humic Acid	49.82%	Calif HA4/JC (rev. 2:3-11-09)
------------	--------	-------------------------------

Ammonium Nitrogen, Nitrate Nitrogen, Phosphorus P2O5, Potassium K2O, Magnesium, Chloride <1%

Contains no preservatives, artificial color or flavor, herbicide or pesticide residue, manufactured chemicals or deleterious substances. Data contained herein is accurate and complete as can be determined at the time of this printing. All information offered is typical and neither states nor implies any guarantee. Any liability incurred with use of this data or the product names is disclaimed by Leonardite Products, LLC.