



**TIMBER PRODUCTS**  
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## Analytical Report

E96-9490  
CLEAN EARTH INNOVATIONS  
4474 Weston Road., Suite 367  
Fort Lauderdale, FL 33331

|                               |               |                             |           |
|-------------------------------|---------------|-----------------------------|-----------|
| <b>TP ID Number:</b>          | DBL260205-1   | <b>Sample Weight (lbs):</b> | 2.24      |
| <b>Product Recognized As:</b> | Wood Pellets  | <b>Sample Received:</b>     | 3/7/2026  |
| <b>Sample Designation:</b>    | S Yellow Pine | <b>Report Date:</b>         | 3/30/2026 |
| <b>Sample Date:</b>           |               | <b>Purchase Order:</b>      |           |

| Parameter          | As-Received | Dry Basis | Analytical Method | ISO 17025 |
|--------------------|-------------|-----------|-------------------|-----------|
| Total Moisture (%) | 54.71       |           | ISO 18134-1       | Q         |
| Ash (%)            | 1.38        | 3.06      | ISO 18122         | Q         |
| Volatiles (%)      | 1.60        | 3.53      | ISO 18123         | Q         |
| Fixed Carbon (%)   | 42.31       | 93.41     | By Difference     |           |
| Carbon (%)         | 44.06       | 97.27     | ISO 16948         | Q         |
| Hydrogen (%)       | 0.68        | 1.51      | ISO 16948         | Q         |
| Nitrogen (%)       | 0.25        | 0.55      | ISO 16948         | Q         |
| Oxygen (%)         | <0.01       | <0.01     | ISO 16948         | Q         |
| Sulfur (%)         | 0.01        | 0.03      | ISO 16994         | Q         |

| Parameter                             | Result | Analytical Method | ISO 17025 |
|---------------------------------------|--------|-------------------|-----------|
| Calcium Carbonate Equivalency Dry (%) | 1.16   | CHNS Method       |           |
| Cinorg Dry (%)                        | 0.14   | CHNS Method       |           |
| Corg Dry (%)                          | 97.13  | CHNS Method       |           |
| H:Corg (Molar Ratio)                  | 0.21   | CHNS Method       |           |

| Parameter              | Result | Analytical Method | ISO 17025 |
|------------------------|--------|-------------------|-----------|
| Bulk Density (lbs/ft³) | 22.1   | Estimated         |           |

| Parameter           | Dry Basis | Analytical Method | ISO 17025 |
|---------------------|-----------|-------------------|-----------|
| Aluminum (Al) mg/kg | 164.6     | ICP/MS (550°C)    |           |
| As (Arsenic) mg/kg  | 0.895     | ICP/MS (550°C)    |           |
| Barium (Ba) mg/kg   | 12.39     | ICP/MS (550°C)    |           |
| Calcium (Ca) mg/kg  | 1819      | ICP/MS (550°C)    |           |
| Cd (Cadmium) mg/kg  | < 0.010   | ICP/MS (550°C)    |           |
| Co (Cobalt) mg/kg   | 0.116     | ICP/MS (550°C)    |           |
| Cr (Chromium) mg/kg | 20.47     | ICP/MS (550°C)    |           |
| Cu (Copper) mg/kg   | 28.18     | ICP/MS (550°C)    |           |
| Hg (Mercury) mg/kg  | < 0.010   | ICP/MS (550°C)    |           |



Prepared By:

David Robles - Laboratory Manager

Findings are based on the sample submitted. TP Inspection is accredited by the International Accreditation Service to ISO 17025. Specific test procedures included in TP Inspection's scope of accreditation are identified with a "Q". Outsourced parameters are designated with an "O". This report shall not be reproduced except in full without laboratory approval. All TP services are subject to our laboratory terms and conditions, a copy of which can be accessed through the following link:

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|                       | Dry Basis | Analytical Method | ISO 17025 |
|-----------------------|-----------|-------------------|-----------|
| Iron (Fe) mg/kg       | 304.0     | ICP/MS (550°C)    |           |
| Magnesium (Mg) mg/kg  | 744       | ICP/MS (550°C)    |           |
| Manganese (Mn) mg/kg  | 122.0     | ICP/MS (550°C)    |           |
| Mo (Molybdenum) mg/kg | 0.271     | ICP/MS (550°C)    |           |
| Ni (Nickel) mg/kg     | 1.91      | ICP/MS (550°C)    |           |
| Pb (Lead) mg/kg       | 0.099     | ICP/MS (550°C)    |           |
| Phosphorus (P) mg/kg  | 216.0     | ICP/MS (550°C)    |           |
| Potassium (K) mg/kg   | 2059      | ICP/MS (550°C)    |           |
| Sb (Antimony) mg/kg   | < 0.100   | ICP/MS (550°C)    |           |
| Se (Selenium) mg/kg   | 0.126     | ICP/MS (550°C)    |           |
| Silicon (Si) mg/kg    | 616.1     | ICP/MS (550°C)    |           |
| Sn (Tin) mg/kg        | < 1.00    | ICP/MS (550°C)    |           |
| Sodium (Na) mg/kg     | 1027      | ICP/MS (550°C)    |           |
| Te (Tellurium) mg/kg  | < 1.00    | ICP/MS (550°C)    |           |
| Titanium (Ti) mg/kg   | 10.91     | ICP/MS (550°C)    |           |
| Tl (Thallium) mg/kg   | < 1.00    | ICP/MS (550°C)    |           |
| V (Vanadium) mg/kg    | 0.235     | ICP/MS (550°C)    |           |
| Zn (Zinc) mg/kg       | < 1.00    | ICP/MS (550°C)    |           |

### Method Description:

ICP/MS (550°C), testing is conducted in accordance with ISO 16967/16968, where by the sample is ashed at 550C and the ash is digested for analysis. Test results are then converted to a whole sample dry basis based on the total ash content at 550C.

### Method Code:

ICP/MS (550°C)

### Method Description:

Determination of Carbon, Hydrogen, and Nitrogen via High-Temperature Elemental Analysis.

### Method Code:

ISO 16948

### Method Description:

Determination of Sulfur via High-Temperature Elemental Analysis.

### Method Code:

ISO 16994



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