



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Standard Laboratories, Inc. – Division 61
1196 Whitman Run Road
Belington, WV 26250

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to be 'Jason Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 08 July 2025

Certificate Number: L2179.03-1



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Standard Laboratories, Inc. – Division 61

1196 Whitman Run Road
Belington, WV 26250
Richard Malcolm
304-457-4749

TESTING

Valid to: **July 8, 2025**

Certificate Number: **L2179.03-1**

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Preparing Coal Samples for Analysis	ASTM D2013/D2013M	Coal	Thermo-gravimetric
Single-Stage Total Moisture	ASTM D2961/D2961M	Coal	Thermo-gravimetric
Total Moisture	ASTM D3302/D3302M MOD	Coal	Thermo-gravimetric
Proximate Analysis by Macro Thermogravimetric Analysis	ASTM D7582	Coal and Coke	Thermo-gravimetric
Moisture in the Analysis Sample	ASTM D3173	Coal and Coke	Thermo-gravimetric
Ash in the Analysis Sample	ASTM D3174	Coal and Coke	Thermo-gravimetric
Sulfur in the Analysis Sample	ASTM D4239	Coal and Coke	High Temperature Tube Furnace Combustion
Gross Calorific Value	ASTM D 5865	Coal and Coke	Calorimetry
Volatile Matter in the Analysis Sample	ASTM D3175	Coal and Coke	Thermo-gravimetric
Volatile Matter in the Analysis Sample	ASTM D3175 MOD	Coal and Coke	Thermo-gravimetric
Grindability by Hardgrove-Machine Method	ASTM D409/D409M	Coal	Grindability Machine
Free-Swelling Index	ASTM D720	Coal	Electric Method
Major and Minor Elements By X-Ray Fluorescence	ASTM D4326	Coal and Coke	XRF Spectrometer

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Oxidation by Alkali Extract	ASTM D5263	Coal	Colorimetrically
Plastic Properties by Constant Torque	ASTM D2639/D2639M	Coal	Plastometer
Swelling Properties Using a Dilatometer	ASTM D5515	Coal	Dilatometer

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2179.03-1.



Jason Stine, Vice President

