



SCOPE OF ACCREDITATION TO ISO 17034:2016

LABORATORY QUALITY SERVICES INTERNATIONAL (LQSi)

SGS North America, Inc.
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REFERENCE MATERIAL PRODUCER

Valid To: February 29, 2028

Certificate Number: 3251.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this Reference Material Producer for the production of the following certified reference materials and reference materials:

Certified Reference Material & Reference Material	Matrix or Artifact	Properties Characterized	Approach Used to Assign Property Values
Ores and Minerals	Inorganic Reference Materials	Powders Mineral content and Multi-Element Analysis (Aluminum-Zirconium)	Measurements are carried out by competent laboratories using a variety of validated analytical methods as applicable to the analytes of concern and corresponding matrix, and of demonstrable accuracy.
Coal and Coke	Solid Fuels	Powders <ul style="list-style-type: none">• Coal• Metallurgical Coke• Petroleum Coke Ash, BTU, MAFBTU, Vol. Matter, Fixed Carbon, Forms of Sulfur, Ash deformation, Mineral content, Multi-Elemental Analysis (Aluminum-Zirconium)	Measurements are carried out by competent laboratories using a variety of validated analytical methods as applicable to the analytes of concern and corresponding matrix, and of demonstrable accuracy.



Accredited Reference Material Producer

A2LA has accredited

Laboratory Quality Services International (LQSi)

South Holland, IL

This accreditation covers the specific materials listed on the agreed upon Scope of Accreditation.

This producer meets the requirements of ISO 17034:2016 General Requirements for the Competence of Reference Material Producers. This accreditation demonstrates technical competence for a defined scope and the operation of a quality management system, with the recognized



Presented this 11th of March 2026.

A blue ink signature of Mr. Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3251.02
Valid to February 29, 2028

For reference materials to which this accreditation applies, please refer to the reference material producer's Scope of Accreditation.