



SCOPE OF ACCREDITATION TO ISO 17034:2016

LABORATORY QUALITY SERVICES INTERNATIONAL (LQSi)

SGS Natural Resources Division  
16130 Van Drunen Road  
South Holland, IL 60473  
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REFERENCE MATERIAL PRODUCER

Valid To: May 31, 2024

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 certified reference materials and reference materials of the following categories:

<b>Certified Reference Material and Reference Material</b>	<b>Matrix or Artifact</b>	<b>Properties Characterized</b>	<b>Approach Used to Assign Property Values</b>
Ores and Minerals	Inorganic Reference Materials	Powders Mineral content and Multi-Element Analysis (Aluminum-Zirconium)	Measurements are carried out by a 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 • 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) SGS NATURAL RESOURCES DIVISION**

*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.

Presented this 15<sup>th</sup> day of December 2021.



A blue ink signature of a person, likely the Vice President of Accreditation Services, written over a horizontal line.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 3251.02  
Valid to May 31, 2024  
Revised February 16, 2024

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