



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

COORSTEK ANALYTICAL LABS  
4455 Table Mountain Drive  
Golden, CO 80403  
Allen Flageolle Phone: 303 277 4604

MECHANICAL

Valid to: December 31, 2025

Certificate Number: 5256.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on high purity ceramic compositions:

**Test:**

**Test Method:**

Vickers Microindentation Hardness  
(500g, 1000g)

ASTM C1327

Flex Strength

ASTM C1161

Average Grain Size

ASTM E112

Density

ASTM C373

Rockwell Hardness  
(A, C, 45N, 15N)

ASTM E18

ICP-OES

CTAL-60-ICP-01

XRF

CTAL-50-XRF-01

BET (Surface Area)

ASTM C1274

Knoop Microindentation Hardness  
(300g)

ASTM C1326

Fine ceramics (advanced ceramics, advanced technical ceramics) —  
Microstructural characterization

ISO 13383-1:2012

Specific Heat Capacity by DSC

ASTM E1269

Modulus of Elasticity

ASTM C1259



# Accredited Laboratory

A2LA has accredited

## COORSTEK ANALYTICAL LABS

Golden, CO

for technical competence in the field of

### Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. 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).



Presented this 19<sup>th</sup> day of December 2023.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 5256.01  
Valid to December 31, 2025

*For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.*