



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, 2027

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:

<u>Test:</u>	<u>Test Method:</u>
Vickers Microindentation Hardness (500g, 1000g)	ASTM C1327
Flex Strength	ASTM C1161
Average Grain Size	ASTM E112
Density	ASTM C373
Rockwell Hardness (C, 45N)	ASTM E18
ICP-OES (High Purity Alumina Compositions)	CTAL-60-ICP-01
ICP-OES (Zirconia Compositions)	CTAL-60-ICP-02
XRF (Alumina Compositions)	CTAL-50-XRF-01
XRF (Zirconia Compositions)	CTAL-50-XRF-03
BET (Surface Area)	ASTM C1274
Knoop Microindentation Hardness (300g)	ASTM C1326
Fine Ceramics (Advanced Ceramics, Advanced Technical Ceramics) – Microstructural Characterization	ISO 13383-1
Specific Heat Capacity by DSC	ASTM E1269
Modulus of Elasticity	ASTM C1259
Coefficient of Thermal Expansion	ASTM C372
Dielectric Breakdown Strength	ASTM D149
Electrical Resistivity	ASTM D257
Average Grain Size by Semiautomatic and Automatic Image Analysis	ASTM E1382
Microscopic Evaluation of Depth of Grinding Damage	CTAL-30-MIC-03



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 13th day of January 2026.

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, 2027

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