



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ENTEGRIS, INC. ELECTRONIC MATERIALS ANALYTICAL SERVICES
706 Houston Clinton Drive
Burnet, TX 78611
Luke Lovejoy Phone: 512 517 5088

CHEMICAL

Valid To: March 31, 2023

Certificate Number: 3755.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on tetramethylsilane, tetraethyl orthosilicate, hafnium chloride, aluminum chloride, tungsten hexacarbonyl, zirconium tetrachloride, dicobalt hexacarbonyl tert-butyl acetylene, tungsten pentachloride, octamethylcyclotetrasiloxane, tetrakis (ethylmethylamino) zirconium (temaz), bis (dimethylamino) methylsilane, tetramethyldisiloxane, and molybdenum dioxide dichloride:

<u>Test/Technology</u>	<u>Test Method</u>
Assay by Gas Chromatography (%Purity)	WI-02321
Determination of Chloride Content in AlCl ₃ , ZrCl ₄ , and HfCl ₄ by AgNO ₃ Titration (Chloride)	WI-02630
Trace Chloride Analysis by Ion Chromatography (Chloride)	WI-00609
Trace Metals Analysis by Agilent ICPMS 8900 (Al, Sb, As, Ba, Be, Bi, B, Cd, Ca, Cr, Co, Cu, Ga, Ge, Au, Hf, Fe, Pb, Li, Mg, Mn, Mo, Ni, Nb, P, K, Ag, Na, Sr, S, Tl, Th, Sn, Ti, W, U, V, Zn, Zr)	WI-17651
Trace Metals Analysis of Samples by Agilent 7500 ICPMS (Al, Sb, As, Ba, Be, Bi, B, Cd, Ca, Ce, Cr, Co, Cu, Ga, Ge, Au, Hf, In, Ir, Fe, Pb, Li, Mg, Mn, Hg, Mo, Ni, Nb, Pd, Pt, K, Re, Rh, Rb, Ag, Na, Sr, Ta, Tl, Th, Sn, Ti, W, U, V, Zn, Zr).	WI-00606
Trace Metals Analysis of Samples by Agilent ICPMS 8800 (Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Ga, Ge, Fe, Pb, Li, Mg, Mn, Hg, Mo, Ni, Nb, K, Ag, Na, Sr, Tl, Th, Sn, Ti, W, U, V, Zn, Zr, Hf, Bi, B, Ce, In, P, Rb, S, Au, Ta).	WI-02474
Trace Water Analysis by Karl Fischer Coulometric Titration (Moisture)	WI-02258

<u>Test/Technology</u>	<u>Test Method</u>
Tungsten Hexacarbonyl Assay by Gas Chromatography (%Purity)	WI-02555





Accredited Laboratory

A2LA has accredited

ENTEGRIS, INC. ELECTRONIC MATERIALS ANALYTICAL SERVICES

Burnet, TX

for technical competence in the field of

Chemical 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 28th day of April 2021.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3755.01
Valid to March 31, 2023

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