



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MANUFACTURING SCIENCES CORP
804 South Illinois Avenue
Oak Ridge, TN 37830
Andrew Leighton Phone: 865-456-9315

CHEMICAL

Valid To: November 30, 2024

Certificate Number: 6695.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on Water, Depleted Uranium, Depleted Uranium Alloys, Natural Uranium, Natural Uranium Alloys, Uranium Oxide, Uranium Nitrate:

<u>Test/Technology</u>	<u>Test Method</u>
Carbon testing using CHNS/O 2400 Analyzer	CHN Operating Mode
ICP-MS 17 Element Uranium Testing*	Depleted Uranium.mth
ICP-MS Expanded 17 Metal Uranium Test**	Xpanel.mth
ICP-MS Uranium Isotope Ratio	U-Iso-Ratio.mth
ICP-MS Water Testing	ICP-MS Water Testing.mth
ICP-OES Calcium/Silicon Test	CaSi Test.mth
Titration Uranium Davis Grey Titration	Davis Grey

*17 Element Uranium Test covers the following Elements: Mg, Al, Si, Ca, Ti, V, Cr, Mn, Fe, Ni, Cu, Zn, Zr, Nb, Mo, Cd, Pb

** Expanded 17 Metal Uranium Test test covers the additional following Elements: Li, Be, B, Na, Co, Ga, Ge, As, Sr, Y, Pd, Sn, Sb, Ba, W, Au, Bi



Accredited Laboratory

A2LA has accredited

Manufacturing Sciences Corp

Oak Ridge, TN

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 24th day of January 2023.

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 6695.01
Valid to November 30, 2024
Revised January 22, 2024

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