

Uranium Procedures

ALS has standardized screening and handling protocols throughout its network of laboratories to ensure that any NORM samples received can be rapidly identified and are handled in a manner meeting all appropriate regulations with respect to transportation, workplace safety and environmental regulations.

Uranium in Non-Resistate Minerals & Soils by Aqua Regia Digestion

ANALYTE & RANGES	CODE
51 elements including U (0.05 - 10,000 ppm). Elements and ranges are summarized in the table for method ME-MS41 on page 13.	ME-MS41u

Note: 206Pb, 207Pb, 208Pb isotopes available on request.

Uranium in Semi-Resistate Mineral Forms by Four Acid "Near-Total" Digestion

ANALYTE & RANGES	CODE
48 elements including U (0.1 - 10,000 ppm). Elements and ranges are summarized in the table for method ME-MS61 on page 13.	ME-MS61u

X-Ray Fluorescence & NAA

ANALYTE	RANGE (ppm)	DESCRIPTION	CODE
U	4-10,000	U by pressed pellet, XRF.	U-XRF05
U	0.01%-15%	U by lithium borate fusion, XRF.	U-XRF10
U	0.2-10,000	U by neutron activation.	U-NAA05