



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

ARS Aleut Analytical, LLC
2609 North River Road
Port Allen, Louisiana 70767

Fulfills the requirements of

ISO/IEC 17025:2017

and the

**U.S. Department of Energy (DOE) Consolidated Audit Program
(DOECAP) requirements identified within the DoD/DOE Quality Systems
Manual (DoD/DOE QSM V5.4)**

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 12 October 2024

Certificate Number: ADE-1489.01



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
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).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

and

**U.S. Department of Energy (DOE) Consolidated Audit Program (DOECAP)
Requirements Identified Within the DoD/DOE Quality Systems Manual
(DoD/DOE QSM V 5.4)**

ARS Aleut Analytical, LLC

2609 North River Road
Port Allen, Louisiana 70767
Robert Waldrop
225-406-7680

TESTING

Valid to: **October 12, 2024**

Certificate Number: **ADE-1489.01**

Environmental

Non-Potable Water

Technology	Method	Analyte
Gamma Spectroscopy	EPA 901.1	Actinium-228
Gamma Spectroscopy	EPA 901.1	Americium-241
Gamma Spectroscopy	EPA 901.1	Antimony-122
Gamma Spectroscopy	EPA 901.1	Antimony-124
Gamma Spectroscopy	EPA 901.1	Antimony-125
Gamma Spectroscopy	EPA 901.1	Antimony-126
Gamma Spectroscopy	EPA 901.1	Arsenic-73
Gamma Spectroscopy	EPA 901.1	Arsenic-74
Gamma Spectroscopy	EPA 901.1	Arsenic-76
Gamma Spectroscopy	EPA 901.1	Barium-133
Gamma Spectroscopy	EPA 901.1	Barium-140
Gamma Spectroscopy	EPA 901.1	Beryllium-7
Gamma Spectroscopy	EPA 901.1	Bismuth-207
Gamma Spectroscopy	EPA 901.1	Bismuth-211
Gamma Spectroscopy	EPA 901.1	Bismuth-212
Gamma Spectroscopy	EPA 901.1	Bismuth-214
Gamma Spectroscopy	EPA 901.1	Cadmium-109
Gamma Spectroscopy	EPA 901.1	Cerium-139



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Non-Potable Water		
Technology	Method	Analyte
Gamma Spectroscopy	EPA 901.1	Cerium-141
Gamma Spectroscopy	EPA 901.1	Cerium-144
Gamma Spectroscopy	EPA 901.1	Cesium-129
Gamma Spectroscopy	EPA 901.1	Cesium-134
Gamma Spectroscopy	EPA 901.1	Cesium-136
Gamma Spectroscopy	EPA 901.1	Cesium-137
Gamma Spectroscopy	EPA 901.1	Chromium-51
Gamma Spectroscopy	EPA 901.1	Cobalt-57
Gamma Spectroscopy	EPA 901.1	Cobalt-58
Gamma Spectroscopy	EPA 901.1	Cobalt-60
Gamma Spectroscopy	EPA 901.1	Europium-152
Gamma Spectroscopy	EPA 901.1	Europium-154
Gamma Spectroscopy	EPA 901.1	Europium-155
Gamma Spectroscopy	EPA 901.1	Gadolinium-153
Gamma Spectroscopy	EPA 901.1	Gallium-67
Gamma Spectroscopy	EPA 901.1	Gold-196
Gamma Spectroscopy	EPA 901.1	Gold-198
Gamma Spectroscopy	EPA 901.1	Hafnium-181
Gamma Spectroscopy	EPA 901.1	Indium-113m
Gamma Spectroscopy	EPA 901.1	Iodine-123
Gamma Spectroscopy	EPA 901.1	Iodine-125
Gamma Spectroscopy	EPA 901.1	Iodine-129
Gamma Spectroscopy	EPA 901.1	Iodine-131
Gamma Spectroscopy	EPA 901.1	Iridium-192
Gamma Spectroscopy	EPA 901.1	Iron-59
Gamma Spectroscopy	EPA 901.1	Lanthanum-140
Gamma Spectroscopy	EPA 901.1	Lead-210
Gamma Spectroscopy	EPA 901.1	Lead-212
Gamma Spectroscopy	EPA 901.1	Lead-214
Gamma Spectroscopy	EPA 901.1	Lutetium-177
Gamma Spectroscopy	EPA 901.1	Manganese-54
Gamma Spectroscopy	EPA 901.1	Mercury-197
Gamma Spectroscopy	EPA 901.1	Mercury-203
Gamma Spectroscopy	EPA 901.1	Molybdenum-99
Gamma Spectroscopy	EPA 901.1	Neodymium-147



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Non-Potable Water		
Technology	Method	Analyte
Gamma Spectroscopy	EPA 901.1	Neptunium-237
Gamma Spectroscopy	EPA 901.1	Niobium-94
Gamma Spectroscopy	EPA 901.1	Niobium-95
Gamma Spectroscopy	EPA 901.1	Polonium-210
Gamma Spectroscopy	EPA 901.1	Potassium-40
Gamma Spectroscopy	EPA 901.1	Promethium-144
Gamma Spectroscopy	EPA 901.1	Promethium-146
Gamma Spectroscopy	EPA 901.1	Protactinium-234
Gamma Spectroscopy	EPA 901.1	Radium-223
Gamma Spectroscopy	EPA 901.1	Radium-224
Gamma Spectroscopy	EPA 901.1	Radium-226
Gamma Spectroscopy	EPA 901.1	Radium-228
Gamma Spectroscopy	EPA 901.1	Rubidium-83
Gamma Spectroscopy	EPA 901.1	Rubidium-86
Gamma Spectroscopy	EPA 901.1	Ruthenium-103
Gamma Spectroscopy	EPA 901.1	Ruthenium-106
Gamma Spectroscopy	EPA 901.1	Scandium-46
Gamma Spectroscopy	EPA 901.1	Selenium-72
Gamma Spectroscopy	EPA 901.1	Selenium-75
Gamma Spectroscopy	EPA 901.1	Silver-108m
Gamma Spectroscopy	EPA 901.1	Silver-110m
Gamma Spectroscopy	EPA 901.1	Sodium-22
Gamma Spectroscopy	EPA 901.1	Strontium-85
Gamma Spectroscopy	EPA 901.1	Tantalum-182
Gamma Spectroscopy	EPA 901.1	Tellurium-132
Gamma Spectroscopy	EPA 901.1	Terbium-160
Gamma Spectroscopy	EPA 901.1	Thallium-208
Gamma Spectroscopy	EPA 901.1	Thallium-210
Gamma Spectroscopy	EPA 901.1	Thorium-227
Gamma Spectroscopy	EPA 901.1	Thorium-228
Gamma Spectroscopy	EPA 901.1	Thorium-231
Gamma Spectroscopy	EPA 901.1	Thorium-234
Gamma Spectroscopy	EPA 901.1	Tin-113
Gamma Spectroscopy	EPA 901.1	Total NORM Activity
Gamma Spectroscopy	EPA 901.1	Total NORM GAMMA



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Non-Potable Water		
Technology	Method	Analyte
Gamma Spectroscopy	EPA 901.1	Uranium-235
Gamma Spectroscopy	EPA 901.1	Uranium-238
Gamma Spectroscopy	EPA 901.1	Xenon-131m
Gamma Spectroscopy	EPA 901.1	Xenon-133m
Gamma Spectroscopy	EPA 901.1	Ytterbium-169
Gamma Spectroscopy	EPA 901.1	Ytterbium-175
Gamma Spectroscopy	EPA 901.1	Yttrium-88
Gamma Spectroscopy	EPA 901.1	Yttrium-91
Gamma Spectroscopy	EPA 901.1	Zinc-65
Gamma Spectroscopy	EPA 901.1	Zirconium-95
Gamma Spectroscopy	SM 7120B	Actinium-228
Gamma Spectroscopy	SM 7120B	Americium-241
Gamma Spectroscopy	SM 7120B	Antimony-122
Gamma Spectroscopy	SM 7120B	Antimony-124
Gamma Spectroscopy	SM 7120B	Antimony-125
Gamma Spectroscopy	SM 7120B	Antimony-126
Gamma Spectroscopy	SM 7120B	Arsenic-73
Gamma Spectroscopy	SM 7120B	Arsenic-74
Gamma Spectroscopy	SM 7120B	Arsenic-76
Gamma Spectroscopy	SM 7120B	Barium-133
Gamma Spectroscopy	SM 7120B	Barium-140
Gamma Spectroscopy	SM 7120B	Beryllium-7
Gamma Spectroscopy	SM 7120B	Bismuth-207
Gamma Spectroscopy	SM 7120B	Bismuth-211
Gamma Spectroscopy	SM 7120B	Bismuth-212
Gamma Spectroscopy	SM 7120B	Bismuth-214
Gamma Spectroscopy	SM 7120B	Cadmium-109
Gamma Spectroscopy	SM 7120B	Cerium-139
Gamma Spectroscopy	SM 7120B	Cerium-141
Gamma Spectroscopy	SM 7120B	Cerium-144
Gamma Spectroscopy	SM 7120B	Cesium-129
Gamma Spectroscopy	SM 7120B	Cesium-134
Gamma Spectroscopy	SM 7120B	Cesium-136
Gamma Spectroscopy	SM 7120B	Cesium-137
Gamma Spectroscopy	SM 7120B	Chromium-51



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Non-Potable Water		
Technology	Method	Analyte
Gamma Spectroscopy	SM 7120B	Cobalt-57
Gamma Spectroscopy	SM 7120B	Cobalt-58
Gamma Spectroscopy	SM 7120B	Cobalt-60
Gamma Spectroscopy	SM 7120B	Europium-152
Gamma Spectroscopy	SM 7120B	Europium-154
Gamma Spectroscopy	SM 7120B	Europium-155
Gamma Spectroscopy	SM 7120B	Gadolinium-153
Gamma Spectroscopy	SM 7120B	Gallium-67
Gamma Spectroscopy	SM 7120B	Gold-196
Gamma Spectroscopy	SM 7120B	Gold-198
Gamma Spectroscopy	SM 7120B	Hafnium-181
Gamma Spectroscopy	SM 7120B	Indium-113m
Gamma Spectroscopy	SM 7120B	Iodine-123
Gamma Spectroscopy	SM 7120B	Iodine-125
Gamma Spectroscopy	SM 7120B	Iodine-129
Gamma Spectroscopy	SM 7120B	Iodine-131
Gamma Spectroscopy	SM 7120B	Iridium-192
Gamma Spectroscopy	SM 7120B	Iron-59
Gamma Spectroscopy	SM 7120B	Lanthanum-140
Gamma Spectroscopy	SM 7120B	Lead-210
Gamma Spectroscopy	SM 7120B	Lead-212
Gamma Spectroscopy	SM 7120B	Lead-214
Gamma Spectroscopy	SM 7120B	Lutetium-177
Gamma Spectroscopy	SM 7120B	Manganese-54
Gamma Spectroscopy	SM 7120B	Mercury-197
Gamma Spectroscopy	SM 7120B	Mercury-203
Gamma Spectroscopy	SM 7120B	Molybdenum-99
Gamma Spectroscopy	SM 7120B	Neodymium-147
Gamma Spectroscopy	SM 7120B	Neptunium-237
Gamma Spectroscopy	SM 7120B	Niobium-94
Gamma Spectroscopy	SM 7120B	Niobium-95
Gamma Spectroscopy	SM 7120B	Polonium-210
Gamma Spectroscopy	SM 7120B	Potassium-40
Gamma Spectroscopy	SM 7120B	Promethium-144
Gamma Spectroscopy	SM 7120B	Promethium-146



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Non-Potable Water		
Technology	Method	Analyte
Gamma Spectroscopy	SM 7120B	Protactinium-234
Gamma Spectroscopy	SM 7120B	Radium-223
Gamma Spectroscopy	SM 7120B	Radium-224
Gamma Spectroscopy	SM 7120B	Radium-226
Gamma Spectroscopy	SM 7120B	Radium-228
Gamma Spectroscopy	SM 7120B	Rubidium-83
Gamma Spectroscopy	SM 7120B	Rubidium-86
Gamma Spectroscopy	SM 7120B	Ruthenium-103
Gamma Spectroscopy	SM 7120B	Ruthenium-106
Gamma Spectroscopy	SM 7120B	Scandium-46
Gamma Spectroscopy	SM 7120B	Selenium-72
Gamma Spectroscopy	SM 7120B	Selenium-75
Gamma Spectroscopy	SM 7120B	Silver-108m
Gamma Spectroscopy	SM 7120B	Silver-110m
Gamma Spectroscopy	SM 7120B	Sodium-22
Gamma Spectroscopy	SM 7120B	Strontium-85
Gamma Spectroscopy	SM 7120B	Tantalum-182
Gamma Spectroscopy	SM 7120B	Tellurium-132
Gamma Spectroscopy	SM 7120B	Terbium-160
Gamma Spectroscopy	SM 7120B	Thallium-208
Gamma Spectroscopy	SM 7120B	Thallium-210
Gamma Spectroscopy	SM 7120B	Thorium-227
Gamma Spectroscopy	SM 7120B	Thorium-228
Gamma Spectroscopy	SM 7120B	Thorium-231
Gamma Spectroscopy	SM 7120B	Thorium-234
Gamma Spectroscopy	SM 7120B	Tin-113
Gamma Spectroscopy	SM 7120B	Total NORM Activity
Gamma Spectroscopy	SM 7120B	Total NORM GAMMA
Gamma Spectroscopy	SM 7120B	Uranium-235
Gamma Spectroscopy	SM 7120B	Uranium-238
Gamma Spectroscopy	SM 7120B	Xenon-131m
Gamma Spectroscopy	SM 7120B	Xenon-133m
Gamma Spectroscopy	SM 7120B	Ytterbium-169
Gamma Spectroscopy	SM 7120B	Ytterbium-175
Gamma Spectroscopy	SM 7120B	Yttrium-88



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Non-Potable Water		
Technology	Method	Analyte
Gamma Spectroscopy	SM 7120B	Yttrium-91
Gamma Spectroscopy	SM 7120B	Zinc-65
Gamma Spectroscopy	SM 7120B	Zirconium-95
Gamma Spectroscopy	HASL 300 GA-01-R	Actinium-228
Gamma Spectroscopy	HASL 300 GA-01-R	Americium-241
Gamma Spectroscopy	HASL 300 GA-01-R	Antimony 122
Gamma Spectroscopy	HASL 300 GA-01-R	Antimony-124
Gamma Spectroscopy	HASL 300 GA-01-R	Antimony-125
Gamma Spectroscopy	HASL 300 GA-01-R	Antimony-126
Gamma Spectroscopy	HASL 300 GA-01-R	Arsenic-73
Gamma Spectroscopy	HASL 300 GA-01-R	Arsenic-74
Gamma Spectroscopy	HASL 300 GA-01-R	Arsenic-76
Gamma Spectroscopy	HASL 300 GA-01-R	Barium-133
Gamma Spectroscopy	HASL 300 GA-01-R	Barium-140
Gamma Spectroscopy	HASL 300 GA-01-R	Beryllium-7
Gamma Spectroscopy	HASL 300 GA-01-R	Bismuth-207
Gamma Spectroscopy	HASL 300 GA-01-R	Bismuth-211
Gamma Spectroscopy	HASL 300 GA-01-R	Bismuth-212
Gamma Spectroscopy	HASL 300 GA-01-R	Bismuth-214
Gamma Spectroscopy	HASL 300 GA-01-R	Cadmium-109
Gamma Spectroscopy	HASL 300 GA-01-R	Cerium-139
Gamma Spectroscopy	HASL 300 GA-01-R	Cerium-141
Gamma Spectroscopy	HASL 300 GA-01-R	Cerium-144
Gamma Spectroscopy	HASL 300 GA-01-R	Cesium-129
Gamma Spectroscopy	HASL 300 GA-01-R	Cesium-134
Gamma Spectroscopy	HASL 300 GA-01-R	Cesium-136
Gamma Spectroscopy	HASL 300 GA-01-R	Cesium-137
Gamma Spectroscopy	HASL 300 GA-01-R	Chromium-51
Gamma Spectroscopy	HASL 300 GA-01-R	Cobalt-57
Gamma Spectroscopy	HASL 300 GA-01-R	Cobalt-58
Gamma Spectroscopy	HASL 300 GA-01-R	Cobalt-60
Gamma Spectroscopy	HASL 300 GA-01-R	Europium-152
Gamma Spectroscopy	HASL 300 GA-01-R	Europium-154
Gamma Spectroscopy	HASL 300 GA-01-R	Europium-155
Gamma Spectroscopy	HASL 300 GA-01-R	Gadolinium-153



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Non-Potable Water		
Technology	Method	Analyte
Gamma Spectroscopy	HASL 300 GA-01-R	Gallium-67
Gamma Spectroscopy	HASL 300 GA-01-R	Gold-196
Gamma Spectroscopy	HASL 300 GA-01-R	Gold-198
Gamma Spectroscopy	HASL 300 GA-01-R	Hafnium-181
Gamma Spectroscopy	HASL 300 GA-01-R	Indium-113m
Gamma Spectroscopy	HASL 300 GA-01-R	Iodine-123
Gamma Spectroscopy	HASL 300 GA-01-R	Iodine-125
Gamma Spectroscopy	HASL 300 GA-01-R	Iodine-129
Gamma Spectroscopy	HASL 300 GA-01-R	Iodine-131
Gamma Spectroscopy	HASL 300 GA-01-R	Iridium-192
Gamma Spectroscopy	HASL 300 GA-01-R	Iron-59
Gamma Spectroscopy	HASL 300 GA-01-R	Lanthanum-140
Gamma Spectroscopy	HASL 300 GA-01-R	Lead-210
Gamma Spectroscopy	HASL 300 GA-01-R	Lead-212
Gamma Spectroscopy	HASL 300 GA-01-R	Lead-214
Gamma Spectroscopy	HASL 300 GA-01-R	Lutetium-177
Gamma Spectroscopy	HASL 300 GA-01-R	Manganese-54
Gamma Spectroscopy	HASL 300 GA-01-R	Mercury-197
Gamma Spectroscopy	HASL 300 GA-01-R	Mercury-203
Gamma Spectroscopy	HASL 300 GA-01-R	Molybdenum-99
Gamma Spectroscopy	HASL 300 GA-01-R	Neodymium-147
Gamma Spectroscopy	HASL 300 GA-01-R	Neptunium-237
Gamma Spectroscopy	HASL 300 GA-01-R	Niobium-94
Gamma Spectroscopy	HASL 300 GA-01-R	Niobium-95
Gamma Spectroscopy	HASL 300 GA-01-R	Polonium-210
Gamma Spectroscopy	HASL 300 GA-01-R	Potassium-40
Gamma Spectroscopy	HASL 300 GA-01-R	Promethium-144
Gamma Spectroscopy	HASL 300 GA-01-R	Promethium-146
Gamma Spectroscopy	HASL 300 GA-01-R	Protactinium-234
Gamma Spectroscopy	HASL 300 GA-01-R	Radium-223
Gamma Spectroscopy	HASL 300 GA-01-R	Radium-224
Gamma Spectroscopy	HASL 300 GA-01-R	Radium-226
Gamma Spectroscopy	HASL 300 GA-01-R	Radium-228
Gamma Spectroscopy	HASL 300 GA-01-R	Rubidium-83
Gamma Spectroscopy	HASL 300 GA-01-R	Rubidium-86



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Non-Potable Water		
Technology	Method	Analyte
Gamma Spectroscopy	HASL 300 GA-01-R	Ruthenium-103
Gamma Spectroscopy	HASL 300 GA-01-R	Ruthenium-106
Gamma Spectroscopy	HASL 300 GA-01-R	Scandium-46
Gamma Spectroscopy	HASL 300 GA-01-R	Selenium-72
Gamma Spectroscopy	HASL 300 GA-01-R	Selenium-75
Gamma Spectroscopy	HASL 300 GA-01-R	Silver-108m
Gamma Spectroscopy	HASL 300 GA-01-R	Silver-110m
Gamma Spectroscopy	HASL 300 GA-01-R	Sodium-22
Gamma Spectroscopy	HASL 300 GA-01-R	Strontium-85
Gamma Spectroscopy	HASL 300 GA-01-R	Tantalum-182
Gamma Spectroscopy	HASL 300 GA-01-R	Tellurium-132
Gamma Spectroscopy	HASL 300 GA-01-R	Terbium-160
Gamma Spectroscopy	HASL 300 GA-01-R	Thallium-208
Gamma Spectroscopy	HASL 300 GA-01-R	Thallium-210
Gamma Spectroscopy	HASL 300 GA-01-R	Thorium-227
Gamma Spectroscopy	HASL 300 GA-01-R	Thorium-228
Gamma Spectroscopy	HASL 300 GA-01-R	Thorium-231
Gamma Spectroscopy	HASL 300 GA-01-R	Thorium-234
Gamma Spectroscopy	HASL 300 GA-01-R	Tin-113
Gamma Spectroscopy	HASL 300 GA-01-R	Total NORM Activity
Gamma Spectroscopy	HASL 300 GA-01-R	Total NORM GAMMA
Gamma Spectroscopy	HASL 300 GA-01-R	Uranium-235
Gamma Spectroscopy	HASL 300 GA-01-R	Uranium-238
Gamma Spectroscopy	HASL 300 GA-01-R	Xenon-131m
Gamma Spectroscopy	HASL 300 GA-01-R	Xenon-133m
Gamma Spectroscopy	HASL 300 GA-01-R	Ytterbium-169
Gamma Spectroscopy	HASL 300 GA-01-R	Ytterbium-175
Gamma Spectroscopy	HASL 300 GA-01-R	Yttrium-88
Gamma Spectroscopy	HASL 300 GA-01-R	Yttrium-91
Gamma Spectroscopy	HASL 300 GA-01-R	Zinc-65
Gamma Spectroscopy	HASL 300 GA-01-R	Zirconium-95
Gas Flow Proportional Counter	ARS 019 – Carbon-14 in Water	Carbon-14
Gas Flow Proportional Counter	EPA 900.0	Gross-alpha
Gas Flow Proportional Counter	EPA 9310	Gross-alpha



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Non-Potable Water		
Technology	Method	Analyte
Gas Flow Proportional Counter	EPA 900.0	Gross-beta
Gas Flow Proportional Counter	EPA 9310	Gross-beta
Gas Flow Proportional Counter	EPA 904.0	Radium-228
Gas Flow Proportional Counter	EPA 9320	Radium-228
Gas Flow Proportional Counter	EPA 905 Mod	Strontium-89
Gas Flow Proportional Counter	Eichrom SRW01	Strontium-89
Gas Flow Proportional Counter	HASL 300 Sr-01-RC	Strontium-89
Gas Flow Proportional Counter	EPA 905	Strontium-90
Gas Flow Proportional Counter	Eichrom SRW01	Strontium-90
Gas Flow Proportional Counter	HASL 300 Sr-02-RC	Strontium-90
Liquid Scintillation	ARS-040 Tritium in Water by Electrolytic Enrichment	Enriched Tritium
Liquid Scintillation	EPA 906.0	Tritium
Liquid Scintillation	Eichrom TCW02	Technetium 99
Alpha Spectroscopy	Eichrom ACW03	Americium 241
Alpha Spectroscopy	HASL 300 Se-03	Americium-241
Alpha Spectroscopy	HASL 300 Am-03-RC	Americium-241
Alpha Spectroscopy	Eichrom ACW16	Americium-241
Alpha Spectroscopy	Eichrom ACW16	Neptunium 237
Alpha Spectroscopy	Eichrom ACW03	Plutonium 238
Alpha Spectroscopy	HASL 300 Se-03	Plutonium-238
Alpha Spectroscopy	HASL 300 Pu-10-RC	Plutonium-238
Alpha Spectroscopy	Eichrom ACW16	Plutonium-238
Alpha Spectroscopy	Eichrom ACW03	Plutonium-239/240
Alpha Spectroscopy	HASL 300 Se-03	Plutonium-239/240
Alpha Spectroscopy	HASL 300 Pu-10-RC	Plutonium-239/240
Alpha Spectroscopy	Eichrom ACW16	Plutonium-239/240
Alpha Spectroscopy	Eichrom ACW03	Plutonium-241
Alpha Spectroscopy	HASL 300 Se-03	Plutonium-241
Alpha Spectroscopy	HASL 300 Pu-10-RC	Plutonium-241
Alpha Spectroscopy	Eichrom ACW16	Plutonium-241
Alpha Spectroscopy	Eichrom ACW03	Uranium-234
Alpha Spectroscopy	HASL 300 Se-03	Uranium-234
Alpha Spectroscopy	Eichrom ACW16	Uranium-234



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Non-Potable Water		
Technology	Method	Analyte
Alpha Spectroscopy	Eichrom ACW03	Uranium-235
Alpha Spectroscopy	HASL 300 Se-03	Uranium-235
Alpha Spectroscopy	Eichrom ACW16	Uranium-235
Alpha Spectroscopy	Eichrom ACW03	Uranium-238
Alpha Spectroscopy	HASL 300 Se-03	Uranium-238
Alpha Spectroscopy	Eichrom ACW16	Uranium-238
Alpha Spectroscopy	Eichrom ACW10	Thorium-228
Alpha Spectroscopy	Eichrom ACW10	Thorium-230
Alpha Spectroscopy	Eichrom ACW10	Thorium-232
ICP-OES	EPA 6010D	Aluminum
ICP-OES	EPA 6010D	Boron
ICP-OES	EPA 6010D	Calcium
ICP-OES	EPA 6010D	Iron
ICP-OES	EPA 6010D	Magnesium
ICP-OES	EPA 6010D	Potassium
ICP-OES	EPA 6010D	Silicon
ICP-OES	EPA 6010D	Sodium
ICP-OES	EPA 6010D	Strontium
ICP-OES	EPA 6010D	Titanium
ICP/MS	EPA 6020B	Antimony
ICP/MS	EPA 6020B	Arsenic
ICP/MS	EPA 6020B	Barium
ICP/MS	EPA 6020B	Beryllium
ICP/MS	EPA 6020B	Chromium
ICP/MS	EPA 6020B	Cobalt
ICP/MS	EPA 6020B	Copper
ICP/MS	EPA 6020B	Lead
ICP/MS	EPA 6020B	Manganese
ICP/MS	EPA 6020B	Molybdenum
ICP/MS	EPA 6020B	Nickel
ICP/MS	EPA 6020B	Selenium
ICP/MS	EPA 6020B	Silver
ICP/MS	EPA 6020B	Thallium
ICP/MS	EPA 6020B	Total Uranium
ICP/MS	EPA 6020B	Uranium



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Non-Potable Water		
Technology	Method	Analyte
ICP/MS	EPA 6020B	Vanadium
ICP/MS	EPA 6020B	Zinc
Mercury CVAA	EPA 7470A	Mercury
Preparation	Method	Type
Metals Prep	EPA 200.2	Extraction
Metals Prep	EPA 3010A	Acid Digestion
Metals Prep	EPA 3050B	Acid Digestion
RAD Prep	HASL 300 G-02	Electrodeposition of the Actinides

Solid and Chemical Materials		
Technology	Method	Analyte
Gamma Spectroscopy	EPA 901.1	Actinium-228
Gamma Spectroscopy	EPA 901.1	Americium-241
Gamma Spectroscopy	EPA 901.1	Antimony-122
Gamma Spectroscopy	EPA 901.1	Antimony-124
Gamma Spectroscopy	EPA 901.1	Antimony-125
Gamma Spectroscopy	EPA 901.1	Antimony-126
Gamma Spectroscopy	EPA 901.1	Arsenic-73
Gamma Spectroscopy	EPA 901.1	Arsenic-74
Gamma Spectroscopy	EPA 901.1	Arsenic-76
Gamma Spectroscopy	EPA 901.1	Barium-133
Gamma Spectroscopy	EPA 901.1	Barium-140
Gamma Spectroscopy	EPA 901.1	Beryllium-7
Gamma Spectroscopy	EPA 901.1	Bismuth-207
Gamma Spectroscopy	EPA 901.1	Bismuth-211
Gamma Spectroscopy	EPA 901.1	Bismuth-212
Gamma Spectroscopy	EPA 901.1	Bismuth-214
Gamma Spectroscopy	EPA 901.1	Cadmium-109
Gamma Spectroscopy	EPA 901.1	Cerium-139
Gamma Spectroscopy	EPA 901.1	Cerium-141
Gamma Spectroscopy	EPA 901.1	Cerium-144
Gamma Spectroscopy	EPA 901.1	Cesium-129
Gamma Spectroscopy	EPA 901.1	Cesium-134
Gamma Spectroscopy	EPA 901.1	Cesium-136



ANSI National Accreditation Board

Solid and Chemical Materials		
Technology	Method	Analyte
Gamma Spectroscopy	EPA 901.1	Cesium-137
Gamma Spectroscopy	EPA 901.1	Chromium-51
Gamma Spectroscopy	EPA 901.1	Cobalt-57
Gamma Spectroscopy	EPA 901.1	Cobalt-58
Gamma Spectroscopy	EPA 901.1	Cobalt-60
Gamma Spectroscopy	EPA 901.1	Europium-152
Gamma Spectroscopy	EPA 901.1	Europium-154
Gamma Spectroscopy	EPA 901.1	Europium-155
Gamma Spectroscopy	EPA 901.1	Gadolinium-153
Gamma Spectroscopy	EPA 901.1	Gallium-67
Gamma Spectroscopy	EPA 901.1	Gold-196
Gamma Spectroscopy	EPA 901.1	Gold-198
Gamma Spectroscopy	EPA 901.1	Hafnium-181
Gamma Spectroscopy	EPA 901.1	Indium-113m
Gamma Spectroscopy	EPA 901.1	Iodine-123
Gamma Spectroscopy	EPA 901.1	Iodine-125
Gamma Spectroscopy	EPA 901.1	Iodine-129
Gamma Spectroscopy	EPA 901.1	Iodine-131
Gamma Spectroscopy	EPA 901.1	Iridium-192
Gamma Spectroscopy	EPA 901.1	Iron-59
Gamma Spectroscopy	EPA 901.1	Lanthanum-140
Gamma Spectroscopy	EPA 901.1	Lead-210
Gamma Spectroscopy	EPA 901.1	Lead-212
Gamma Spectroscopy	EPA 901.1	Lead-214
Gamma Spectroscopy	EPA 901.1	Lutetium-177
Gamma Spectroscopy	EPA 901.1	Manganese-54
Gamma Spectroscopy	EPA 901.1	Mercury-197
Gamma Spectroscopy	EPA 901.1	Mercury-203
Gamma Spectroscopy	EPA 901.1	Molybdenum-99
Gamma Spectroscopy	EPA 901.1	Neodymium-147
Gamma Spectroscopy	EPA 901.1	Neptunium-237
Gamma Spectroscopy	EPA 901.1	Niobium-94
Gamma Spectroscopy	EPA 901.1	Niobium-95
Gamma Spectroscopy	EPA 901.1	Polonium-210
Gamma Spectroscopy	EPA 901.1	Potassium-40



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Solid and Chemical Materials		
Technology	Method	Analyte
Gamma Spectroscopy	EPA 901.1	Promethium-144
Gamma Spectroscopy	EPA 901.1	Promethium-146
Gamma Spectroscopy	EPA 901.1	Protactinium-234
Gamma Spectroscopy	EPA 901.1	Radium-223
Gamma Spectroscopy	EPA 901.1	Radium-224
Gamma Spectroscopy	EPA 901.1	Radium-226
Gamma Spectroscopy	EPA 901.1	Radium-228
Gamma Spectroscopy	EPA 901.1	Rubidium-83
Gamma Spectroscopy	EPA 901.1	Rubidium-86
Gamma Spectroscopy	EPA 901.1	Ruthenium-103
Gamma Spectroscopy	EPA 901.1	Ruthenium-106
Gamma Spectroscopy	EPA 901.1	Scandium-46
Gamma Spectroscopy	EPA 901.1	Selenium-72
Gamma Spectroscopy	EPA 901.1	Selenium-75
Gamma Spectroscopy	EPA 901.1	Silver-108m
Gamma Spectroscopy	EPA 901.1	Silver-110m
Gamma Spectroscopy	EPA 901.1	Sodium-22
Gamma Spectroscopy	EPA 901.1	Strontium-85
Gamma Spectroscopy	EPA 901.1	Tantalum-182
Gamma Spectroscopy	EPA 901.1	Tellurium-132
Gamma Spectroscopy	EPA 901.1	Terbium-160
Gamma Spectroscopy	EPA 901.1	Thallium-208
Gamma Spectroscopy	EPA 901.1	Thallium-210
Gamma Spectroscopy	EPA 901.1	Thorium-227
Gamma Spectroscopy	EPA 901.1	Thorium-228
Gamma Spectroscopy	EPA 901.1	Thorium-231
Gamma Spectroscopy	EPA 901.1	Thorium-234
Gamma Spectroscopy	EPA 901.1	Tin-113
Gamma Spectroscopy	EPA 901.1	Total NORM Activity
Gamma Spectroscopy	EPA 901.1	Total NORM GAMMA
Gamma Spectroscopy	EPA 901.1	Uranium-235
Gamma Spectroscopy	EPA 901.1	Uranium-238
Gamma Spectroscopy	EPA 901.1	Xenon-131m
Gamma Spectroscopy	EPA 901.1	Xenon-133m
Gamma Spectroscopy	EPA 901.1	Ytterbium-169



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Solid and Chemical Materials		
Technology	Method	Analyte
Gamma Spectroscopy	EPA 901.1	Ytterbium-175
Gamma Spectroscopy	EPA 901.1	Yttrium-88
Gamma Spectroscopy	EPA 901.1	Yttrium-91
Gamma Spectroscopy	EPA 901.1	Zinc-65
Gamma Spectroscopy	EPA 901.1	Zirconium-95
Gamma Spectroscopy	HASL 300 GA-01-R	Actinium-228
Gamma Spectroscopy	HASL 300 GA-01-R	Americium-241
Gamma Spectroscopy	HASL 300 GA-01-R	Antimony-122
Gamma Spectroscopy	HASL 300 GA-01-R	Antimony-124
Gamma Spectroscopy	HASL 300 GA-01-R	Antimony-125
Gamma Spectroscopy	HASL 300 GA-01-R	Antimony-126
Gamma Spectroscopy	HASL 300 GA-01-R	Arsenic-73
Gamma Spectroscopy	HASL 300 GA-01-R	Arsenic-74
Gamma Spectroscopy	HASL 300 GA-01-R	Arsenic-76
Gamma Spectroscopy	HASL 300 GA-01-R	Barium-133
Gamma Spectroscopy	HASL 300 GA-01-R	Barium-140
Gamma Spectroscopy	HASL 300 GA-01-R	Beryllium-7
Gamma Spectroscopy	HASL 300 GA-01-R	Bismuth-207
Gamma Spectroscopy	HASL 300 GA-01-R	Bismuth-211
Gamma Spectroscopy	HASL 300 GA-01-R	Bismuth-212
Gamma Spectroscopy	HASL 300 GA-01-R	Bismuth-214
Gamma Spectroscopy	HASL 300 GA-01-R	Cadmium-109
Gamma Spectroscopy	HASL 300 GA-01-R	Cerium-139
Gamma Spectroscopy	HASL 300 GA-01-R	Cerium-141
Gamma Spectroscopy	HASL 300 GA-01-R	Cerium-144
Gamma Spectroscopy	HASL 300 GA-01-R	Cesium-129
Gamma Spectroscopy	HASL 300 GA-01-R	Cesium-134
Gamma Spectroscopy	HASL 300 GA-01-R	Cesium-136
Gamma Spectroscopy	HASL 300 GA-01-R	Cesium-137
Gamma Spectroscopy	HASL 300 GA-01-R	Chromium-51
Gamma Spectroscopy	HASL 300 GA-01-R	Cobalt-57
Gamma Spectroscopy	HASL 300 GA-01-R	Cobalt-58
Gamma Spectroscopy	HASL 300 GA-01-R	Cobalt-60
Gamma Spectroscopy	HASL 300 GA-01-R	Europium-152
Gamma Spectroscopy	HASL 300 GA-01-R	Europium-154



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Solid and Chemical Materials		
Technology	Method	Analyte
Gamma Spectroscopy	HASL 300 GA-01-R	Europium-155
Gamma Spectroscopy	HASL 300 GA-01-R	Gadolinium-153
Gamma Spectroscopy	HASL 300 GA-01-R	Gallium-67
Gamma Spectroscopy	HASL 300 GA-01-R	Gold-196
Gamma Spectroscopy	HASL 300 GA-01-R	Gold-198
Gamma Spectroscopy	HASL 300 GA-01-R	Hafnium-181
Gamma Spectroscopy	HASL 300 GA-01-R	Indium-113m
Gamma Spectroscopy	HASL 300 GA-01-R	Iodine-123
Gamma Spectroscopy	HASL 300 GA-01-R	Iodine-125
Gamma Spectroscopy	HASL 300 GA-01-R	Iodine-129
Gamma Spectroscopy	HASL 300 GA-01-R	Iodine-131
Gamma Spectroscopy	HASL 300 GA-01-R	Iridium-192
Gamma Spectroscopy	HASL 300 GA-01-R	Iron-59
Gamma Spectroscopy	HASL 300 GA-01-R	Lanthanum-140
Gamma Spectroscopy	HASL 300 GA-01-R	Lead-210
Gamma Spectroscopy	HASL 300 GA-01-R	Lead-212
Gamma Spectroscopy	HASL 300 GA-01-R	Lead-214
Gamma Spectroscopy	HASL 300 GA-01-R	Lutetium-177
Gamma Spectroscopy	HASL 300 GA-01-R	Manganese-54
Gamma Spectroscopy	HASL 300 GA-01-R	Mercury-197
Gamma Spectroscopy	HASL 300 GA-01-R	Mercury-203
Gamma Spectroscopy	HASL 300 GA-01-R	Molybdenum-99
Gamma Spectroscopy	HASL 300 GA-01-R	Neodymium-147
Gamma Spectroscopy	HASL 300 GA-01-R	Neptunium-237
Gamma Spectroscopy	HASL 300 GA-01-R	Niobium-94
Gamma Spectroscopy	HASL 300 GA-01-R	Niobium-95
Gamma Spectroscopy	HASL 300 GA-01-R	Polonium-210
Gamma Spectroscopy	HASL 300 GA-01-R	Potassium-40
Gamma Spectroscopy	HASL 300 GA-01-R	Promethium-144
Gamma Spectroscopy	HASL 300 GA-01-R	Promethium-146
Gamma Spectroscopy	HASL 300 GA-01-R	Protactinium-234
Gamma Spectroscopy	HASL 300 GA-01-R	Radium-223
Gamma Spectroscopy	HASL 300 GA-01-R	Radium-224
Gamma Spectroscopy	HASL 300 GA-01-R	Radium-226
Gamma Spectroscopy	HASL 300 GA-01-R	Radium-228



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Solid and Chemical Materials		
Technology	Method	Analyte
Gamma Spectroscopy	HASL 300 GA-01-R	Rubidium-83
Gamma Spectroscopy	HASL 300 GA-01-R	Rubidium-86
Gamma Spectroscopy	HASL 300 GA-01-R	Ruthenium-103
Gamma Spectroscopy	HASL 300 GA-01-R	Ruthenium-106
Gamma Spectroscopy	HASL 300 GA-01-R	Scandium-46
Gamma Spectroscopy	HASL 300 GA-01-R	Selenium-72
Gamma Spectroscopy	HASL 300 GA-01-R	Selenium-75
Gamma Spectroscopy	HASL 300 GA-01-R	Silver-108m
Gamma Spectroscopy	HASL 300 GA-01-R	Silver-110m
Gamma Spectroscopy	HASL 300 GA-01-R	Sodium-22
Gamma Spectroscopy	HASL 300 GA-01-R	Strontium-85
Gamma Spectroscopy	HASL 300 GA-01-R	Tantalum-182
Gamma Spectroscopy	HASL 300 GA-01-R	Tellurium-132
Gamma Spectroscopy	HASL 300 GA-01-R	Terbium-160
Gamma Spectroscopy	HASL 300 GA-01-R	Thallium-208
Gamma Spectroscopy	HASL 300 GA-01-R	Thallium-210
Gamma Spectroscopy	HASL 300 GA-01-R	Thorium-227
Gamma Spectroscopy	HASL 300 GA-01-R	Thorium-228
Gamma Spectroscopy	HASL 300 GA-01-R	Thorium-231
Gamma Spectroscopy	HASL 300 GA-01-R	Thorium-234
Gamma Spectroscopy	HASL 300 GA-01-R	Tin-113
Gamma Spectroscopy	HASL 300 GA-01-R	Total NORM Activity
Gamma Spectroscopy	HASL 300 GA-01-R	Total NORM GAMMA
Gamma Spectroscopy	HASL 300 GA-01-R	Uranium-235
Gamma Spectroscopy	HASL 300 GA-01-R	Uranium-238
Gamma Spectroscopy	HASL 300 GA-01-R	Xenon-131m
Gamma Spectroscopy	HASL 300 GA-01-R	Xenon-133m
Gamma Spectroscopy	HASL 300 GA-01-R	Ytterbium-169
Gamma Spectroscopy	HASL 300 GA-01-R	Ytterbium-175
Gamma Spectroscopy	HASL 300 GA-01-R	Yttrium-88
Gamma Spectroscopy	HASL 300 GA-01-R	Yttrium-91
Gamma Spectroscopy	HASL 300 GA-01-R	Zinc-65
Gamma Spectroscopy	HASL 300 GA-01-R	Zirconium-95
Gas Flow Proportional Counter	EPA 900.0 Mod	Gross-alpha
Gas Flow Proportional Counter	EPA 9310	Gross-alpha



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Solid and Chemical Materials		
Technology	Method	Analyte
Gas Flow Proportional Counter	EPA 900.0 Mod	Gross-beta
Gas Flow Proportional Counter	EPA 9310	Gross-beta
Gas Flow Proportional Counter	Eichrom SRW01	Strontium-89
Gas Flow Proportional Counter	EPA 905.0 Mod	Strontium-89
Gas Flow Proportional Counter	HASL 300 SR-01-RC	Strontium-89
Gas Flow Proportional Counter	Eichrom SRW01	Strontium-90
Gas Flow Proportional Counter	EPA 905.0 Mod	Strontium-90
Gas Flow Proportional Counter	HASL 300 SR-02-RC	Strontium-90
Liquid Scintillation	EPA 906.0 Mod	Tritium
Liquid Scintillation	Eichrom TCS01	Technetium-99
Alpha Spectroscopy	Eichrom ACW03	Americium-241
Alpha Spectroscopy	HASL 300 Se-03	Americium-241
Alpha Spectroscopy	HASL 300 Am-01-RC	Americium-241
Alpha Spectroscopy	Eichrom ACW16	Neptunium-237
Alpha Spectroscopy	Eichrom ACW03	Plutonium-238
Alpha Spectroscopy	Eichrom ACW16	Plutonium-238
Alpha Spectroscopy	HASL 300 Se-03	Plutonium-238
Alpha Spectroscopy	HASL 300 Pu-02-RC	Plutonium-238
Alpha Spectroscopy	HASL 300 Pu-03-RC	Plutonium-238
Alpha Spectroscopy	Eichrom ACW03	Plutonium-239/240
Alpha Spectroscopy	Eichrom ACW16	Plutonium-239/240
Alpha Spectroscopy	HASL 300 Se-03	Plutonium-239/240
Alpha Spectroscopy	HASL 300 Pu-02-RC	Plutonium-239/240
Alpha Spectroscopy	HASL 300 Pu-03-RC	Plutonium-239/240
Alpha Spectroscopy	Eichrom ACW03	Plutonium-241
Alpha Spectroscopy	Eichrom ACW16	Plutonium-241
Alpha Spectroscopy	HASL 300 Se-03	Plutonium-241
Alpha Spectroscopy	HASL 300 Pu-02-RC	Plutonium-241
Alpha Spectroscopy	HASL 300 Pu-03-RC	Plutonium-241
Alpha Spectroscopy	Eichrom ACW03	Uranium-234
Alpha Spectroscopy	Eichrom ACW16	Uranium-234
Alpha Spectroscopy	HASL 300 Se-03	Uranium-234
Alpha Spectroscopy	HASL 300 U-02-RC	Uranium-234



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Solid and Chemical Materials		
Technology	Method	Analyte
Alpha Spectroscopy	HASL 300 U-04-RC	Uranium-234
Alpha Spectroscopy	Eichrom ACW03	Uranium-235
Alpha Spectroscopy	Eichrom ACW16	Uranium-235
Alpha Spectroscopy	HASL 300 Se-03	Uranium-235
Alpha Spectroscopy	HASL 300 U-02-RC	Uranium-235
Alpha Spectroscopy	HASL 300 U-04-RC	Uranium-235
Alpha Spectroscopy	Eichrom ACW03	Uranium-238
Alpha Spectroscopy	Eichrom ACW16	Uranium-238
Alpha Spectroscopy	HASL 300 Se-03	Uranium-238
Alpha Spectroscopy	HASL 300 U-02-RC	Uranium-238
Alpha Spectroscopy	HASL 300 U-04-RC	Uranium-238
Alpha Spectroscopy	Eichrom ACW10	Thorium-228
Alpha Spectroscopy	Eichrom ACW10	Thorium-230
Alpha Spectroscopy	Eichrom ACW10	Thorium-232
ICP-OES	EPA 6010D	Aluminum
ICP-OES	EPA 6010D	Boron
ICP-OES	EPA 6010D	Calcium
ICP-OES	EPA 6010D	Iron
ICP-OES	EPA 6010D	Magnesium
ICP-OES	EPA 6010D	Potassium
ICP-OES	EPA 6010D	Sodium
ICP-OES	EPA 6010D	Strontium
ICP-OES	EPA 6010D	Tin
ICP-OES	EPA 6010D	Titanium
ICP-MS	EPA 6020B	Antimony
ICP/MS	EPA 6020B	Arsenic
ICP/MS	EPA 6020B	Barium
ICP/MS	EPA 6020B	Beryllium
ICP/MS	EPA 6020B	Cadmium
ICP/MS	EPA 6020B	Chromium
ICP/MS	EPA 6020B	Cobalt
ICP/MS	EPA 6020B	Copper
ICP/MS	EPA 6020B	Lead
ICP/MS	EPA 6020B	Manganese
ICP/MS	EPA 6020B	Molybdenum



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Solid and Chemical Materials		
Technology	Method	Analyte
ICP/MS	EPA 6020B	Nickel
ICP/MS	EPA 6020B	Selenium
ICP/MS	EPA 6020B	Silver
ICP/MS	EPA 6020B	Thallium
ICP/MS	EPA 6020B	Total Uranium
ICP/MS	EPA 6020B	Uranium
ICP/MS	EPA 6020B	Vanadium
ICP/MS	EPA 6020B	Zinc
Mercury CVAA	EPA 7471B	Mercury
Preparation	Method	Type
Metals Prep	EPA 3050B	Acid Digestion of Sediments, Sludges, and soils

Air and Emissions		
Technology	Method	Analyte
Gamma Spectroscopy	EPA 901.1	Actinium-228
Gamma Spectroscopy	EPA 901.1	Americium-241
Gamma Spectroscopy	EPA 901.1	Antimony-122
Gamma Spectroscopy	EPA 901.1	Antimony-124
Gamma Spectroscopy	EPA 901.1	Antimony-125
Gamma Spectroscopy	EPA 901.1	Antimony-126
Gamma Spectroscopy	EPA 901.1	Arsenic-73
Gamma Spectroscopy	EPA 901.1	Arsenic-74
Gamma Spectroscopy	EPA 901.1	Arsenic-76
Gamma Spectroscopy	EPA 901.1	Barium-133
Gamma Spectroscopy	EPA 901.1	Barium-140
Gamma Spectroscopy	EPA 901.1	Beryllium-7
Gamma Spectroscopy	EPA 901.1	Bismuth-207
Gamma Spectroscopy	EPA 901.1	Bismuth-211
Gamma Spectroscopy	EPA 901.1	Bismuth-212
Gamma Spectroscopy	EPA 901.1	Bismuth-214
Gamma Spectroscopy	EPA 901.1	Cadmium-109
Gamma Spectroscopy	EPA 901.1	Cerium-139
Gamma Spectroscopy	EPA 901.1	Cerium-141
Gamma Spectroscopy	EPA 901.1	Cerium-144



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Air and Emissions		
Technology	Method	Analyte
Gamma Spectroscopy	EPA 901.1	Cesium-129
Gamma Spectroscopy	EPA 901.1	Cesium-134
Gamma Spectroscopy	EPA 901.1	Cesium-136
Gamma Spectroscopy	EPA 901.1	Cesium-137
Gamma Spectroscopy	EPA 901.1	Chromium-51
Gamma Spectroscopy	EPA 901.1	Cobalt-57
Gamma Spectroscopy	EPA 901.1	Cobalt-58
Gamma Spectroscopy	EPA 901.1	Cobalt-60
Gamma Spectroscopy	EPA 901.1	Europium-152
Gamma Spectroscopy	EPA 901.1	Europium-154
Gamma Spectroscopy	EPA 901.1	Europium-155
Gamma Spectroscopy	EPA 901.1	Gadolinium-153
Gamma Spectroscopy	EPA 901.1	Gallium-67
Gamma Spectroscopy	EPA 901.1	Gold-196
Gamma Spectroscopy	EPA 901.1	Gold-198
Gamma Spectroscopy	EPA 901.1	Hafnium-181
Gamma Spectroscopy	EPA 901.1	Indium-113m
Gamma Spectroscopy	EPA 901.1	Iodine-123
Gamma Spectroscopy	EPA 901.1	Iodine-125
Gamma Spectroscopy	EPA 901.1	Iodine-129
Gamma Spectroscopy	EPA 901.1	Iodine-131
Gamma Spectroscopy	EPA 901.1	Iridium-192
Gamma Spectroscopy	EPA 901.1	Iron-59
Gamma Spectroscopy	EPA 901.1	Lanthanum-140
Gamma Spectroscopy	EPA 901.1	Lead-210
Gamma Spectroscopy	EPA 901.1	Lead-212
Gamma Spectroscopy	EPA 901.1	Lead-214
Gamma Spectroscopy	EPA 901.1	Lutetium-177
Gamma Spectroscopy	EPA 901.1	Manganese-54
Gamma Spectroscopy	EPA 901.1	Mercury-197
Gamma Spectroscopy	EPA 901.1	Mercury-203
Gamma Spectroscopy	EPA 901.1	Molybdenum-99
Gamma Spectroscopy	EPA 901.1	Neodymium-147
Gamma Spectroscopy	EPA 901.1	Neptunium-237
Gamma Spectroscopy	EPA 901.1	Niobium-94



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Air and Emissions		
Technology	Method	Analyte
Gamma Spectroscopy	EPA 901.1	Niobium-95
Gamma Spectroscopy	EPA 901.1	Polonium-210
Gamma Spectroscopy	EPA 901.1	Potassium-40
Gamma Spectroscopy	EPA 901.1	Promethium-144
Gamma Spectroscopy	EPA 901.1	Promethium-146
Gamma Spectroscopy	EPA 901.1	Protactinium-234
Gamma Spectroscopy	EPA 901.1	Radium-223
Gamma Spectroscopy	EPA 901.1	Radium-224
Gamma Spectroscopy	EPA 901.1	Radium-226
Gamma Spectroscopy	EPA 901.1	Radium-228
Gamma Spectroscopy	EPA 901.1	Rubidium-83
Gamma Spectroscopy	EPA 901.1	Rubidium-86
Gamma Spectroscopy	EPA 901.1	Ruthenium-103
Gamma Spectroscopy	EPA 901.1	Ruthenium-106
Gamma Spectroscopy	EPA 901.1	Scandium-46
Gamma Spectroscopy	EPA 901.1	Selenium-72
Gamma Spectroscopy	EPA 901.1	Selenium-75
Gamma Spectroscopy	EPA 901.1	Silver-108m
Gamma Spectroscopy	EPA 901.1	Silver-110m
Gamma Spectroscopy	EPA 901.1	Sodium-22
Gamma Spectroscopy	EPA 901.1	Strontium-85
Gamma Spectroscopy	EPA 901.1	Tantalum-182
Gamma Spectroscopy	EPA 901.1	Tellurium-132
Gamma Spectroscopy	EPA 901.1	Terbium-160
Gamma Spectroscopy	EPA 901.1	Thallium-208
Gamma Spectroscopy	EPA 901.1	Thallium-210
Gamma Spectroscopy	EPA 901.1	Thorium-227
Gamma Spectroscopy	EPA 901.1	Thorium-228
Gamma Spectroscopy	EPA 901.1	Thorium-231
Gamma Spectroscopy	EPA 901.1	Thorium-234
Gamma Spectroscopy	EPA 901.1	Tin-113
Gamma Spectroscopy	EPA 901.1	Total NORM Activity
Gamma Spectroscopy	EPA 901.1	Total NORM GAMMA
Gamma Spectroscopy	EPA 901.1	Uranium-235
Gamma Spectroscopy	EPA 901.1	Uranium-238



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Air and Emissions		
Technology	Method	Analyte
Gamma Spectroscopy	EPA 901.1	Xenon-131m
Gamma Spectroscopy	EPA 901.1	Xenon-133m
Gamma Spectroscopy	EPA 901.1	Ytterbium-169
Gamma Spectroscopy	EPA 901.1	Ytterbium-175
Gamma Spectroscopy	EPA 901.1	Yttrium-88
Gamma Spectroscopy	EPA 901.1	Yttrium-91
Gamma Spectroscopy	EPA 901.1	Zinc-65
Gamma Spectroscopy	EPA 901.1	Zirconium-95
Gamma Spectroscopy	HASL 300 GA-01-R	Actinium-228
Gamma Spectroscopy	HASL 300 GA-01-R	Americium-241
Gamma Spectroscopy	HASL 300 GA-01-R	Antimony-122
Gamma Spectroscopy	HASL 300 GA-01-R	Antimony-124
Gamma Spectroscopy	HASL 300 GA-01-R	Antimony-125
Gamma Spectroscopy	HASL 300 GA-01-R	Antimony-126
Gamma Spectroscopy	HASL 300 GA-01-R	Arsenic-73
Gamma Spectroscopy	HASL 300 GA-01-R	Arsenic-74
Gamma Spectroscopy	HASL 300 GA-01-R	Arsenic-76
Gamma Spectroscopy	HASL 300 GA-01-R	Barium-133
Gamma Spectroscopy	HASL 300 GA-01-R	Barium-140
Gamma Spectroscopy	HASL 300 GA-01-R	Beryllium-7
Gamma Spectroscopy	HASL 300 GA-01-R	Bismuth-207
Gamma Spectroscopy	HASL 300 GA-01-R	Bismuth-211
Gamma Spectroscopy	HASL 300 GA-01-R	Bismuth-212
Gamma Spectroscopy	HASL 300 GA-01-R	Bismuth-214
Gamma Spectroscopy	HASL 300 GA-01-R	Cadmium-109
Gamma Spectroscopy	HASL 300 GA-01-R	Cerium-139
Gamma Spectroscopy	HASL 300 GA-01-R	Cerium-141
Gamma Spectroscopy	HASL 300 GA-01-R	Cerium-144
Gamma Spectroscopy	HASL 300 GA-01-R	Cesium-129
Gamma Spectroscopy	HASL 300 GA-01-R	Cesium-134
Gamma Spectroscopy	HASL 300 GA-01-R	Cesium-136
Gamma Spectroscopy	HASL 300 GA-01-R	Cesium-137
Gamma Spectroscopy	HASL 300 GA-01-R	Chromium-51
Gamma Spectroscopy	HASL 300 GA-01-R	Cobalt-57
Gamma Spectroscopy	HASL 300 GA-01-R	Cobalt-58



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Air and Emissions		
Technology	Method	Analyte
Gamma Spectroscopy	HASL 300 GA-01-R	Cobalt-60
Gamma Spectroscopy	HASL 300 GA-01-R	Europium-152
Gamma Spectroscopy	HASL 300 GA-01-R	Europium-154
Gamma Spectroscopy	HASL 300 GA-01-R	Europium-155
Gamma Spectroscopy	HASL 300 GA-01-R	Gadolinium-153
Gamma Spectroscopy	HASL 300 GA-01-R	Gallium-67
Gamma Spectroscopy	HASL 300 GA-01-R	Gold-196
Gamma Spectroscopy	HASL 300 GA-01-R	Gold-198
Gamma Spectroscopy	HASL 300 GA-01-R	Hafnium-181
Gamma Spectroscopy	HASL 300 GA-01-R	Indium-113m
Gamma Spectroscopy	HASL 300 GA-01-R	Iodine-123
Gamma Spectroscopy	HASL 300 GA-01-R	Iodine-125
Gamma Spectroscopy	HASL 300 GA-01-R	Iodine-129
Gamma Spectroscopy	HASL 300 GA-01-R	Iodine-131
Gamma Spectroscopy	HASL 300 GA-01-R	Iridium-192
Gamma Spectroscopy	HASL 300 GA-01-R	Iron-59
Gamma Spectroscopy	HASL 300 GA-01-R	Lanthanum-140
Gamma Spectroscopy	HASL 300 GA-01-R	Lead-210
Gamma Spectroscopy	HASL 300 GA-01-R	Lead-212
Gamma Spectroscopy	HASL 300 GA-01-R	Lead-214
Gamma Spectroscopy	HASL 300 GA-01-R	Lutetium-177
Gamma Spectroscopy	HASL 300 GA-01-R	Manganese-54
Gamma Spectroscopy	HASL 300 GA-01-R	Mercury-197
Gamma Spectroscopy	HASL 300 GA-01-R	Mercury-203
Gamma Spectroscopy	HASL 300 GA-01-R	Molybdenum-99
Gamma Spectroscopy	HASL 300 GA-01-R	Neodymium-147
Gamma Spectroscopy	HASL 300 GA-01-R	Neptunium-237
Gamma Spectroscopy	HASL 300 GA-01-R	Niobium-94
Gamma Spectroscopy	HASL 300 GA-01-R	Niobium-95
Gamma Spectroscopy	HASL 300 GA-01-R	Polonium-210
Gamma Spectroscopy	HASL 300 GA-01-R	Potassium-40
Gamma Spectroscopy	HASL 300 GA-01-R	Promethium-144
Gamma Spectroscopy	HASL 300 GA-01-R	Promethium-146
Gamma Spectroscopy	HASL 300 GA-01-R	Protactinium-234
Gamma Spectroscopy	HASL 300 GA-01-R	Radium-223



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Air and Emissions		
Technology	Method	Analyte
Gamma Spectroscopy	HASL 300 GA-01-R	Radium-224
Gamma Spectroscopy	HASL 300 GA-01-R	Radium-226
Gamma Spectroscopy	HASL 300 GA-01-R	Radium-228
Gamma Spectroscopy	HASL 300 GA-01-R	Rubidium-83
Gamma Spectroscopy	HASL 300 GA-01-R	Rubidium-86
Gamma Spectroscopy	HASL 300 GA-01-R	Ruthenium-103
Gamma Spectroscopy	HASL 300 GA-01-R	Ruthenium-106
Gamma Spectroscopy	HASL 300 GA-01-R	Scandium-46
Gamma Spectroscopy	HASL 300 GA-01-R	Selenium-72
Gamma Spectroscopy	HASL 300 GA-01-R	Selenium-75
Gamma Spectroscopy	HASL 300 GA-01-R	Silver-108m
Gamma Spectroscopy	HASL 300 GA-01-R	Silver-110m
Gamma Spectroscopy	HASL 300 GA-01-R	Sodium-22
Gamma Spectroscopy	HASL 300 GA-01-R	Strontium-85
Gamma Spectroscopy	HASL 300 GA-01-R	Tantalum-182
Gamma Spectroscopy	HASL 300 GA-01-R	Tellurium-132
Gamma Spectroscopy	HASL 300 GA-01-R	Terbium-160
Gamma Spectroscopy	HASL 300 GA-01-R	Thallium-208
Gamma Spectroscopy	HASL 300 GA-01-R	Thallium-210
Gamma Spectroscopy	HASL 300 GA-01-R	Thorium-227
Gamma Spectroscopy	HASL 300 GA-01-R	Thorium-228
Gamma Spectroscopy	HASL 300 GA-01-R	Thorium-231
Gamma Spectroscopy	HASL 300 GA-01-R	Thorium-234
Gamma Spectroscopy	HASL 300 GA-01-R	Tin-113
Gamma Spectroscopy	HASL 300 GA-01-R	Total NORM Activity
Gamma Spectroscopy	HASL 300 GA-01-R	Total NORM GAMMA
Gamma Spectroscopy	HASL 300 GA-01-R	Uranium-235
Gamma Spectroscopy	HASL 300 GA-01-R	Uranium-238
Gamma Spectroscopy	HASL 300 GA-01-R	Xenon-131m
Gamma Spectroscopy	HASL 300 GA-01-R	Xenon-133m
Gamma Spectroscopy	HASL 300 GA-01-R	Ytterbium-169
Gamma Spectroscopy	HASL 300 GA-01-R	Ytterbium-175
Gamma Spectroscopy	HASL 300 GA-01-R	Yttrium-88
Gamma Spectroscopy	HASL 300 GA-01-R	Yttrium-91
Gamma Spectroscopy	HASL 300 GA-01-R	Zinc-65



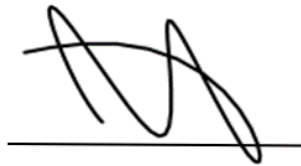
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Air and Emissions		
Technology	Method	Analyte
Gamma Spectroscopy	HASL 300 GA-01-R	Zirconium-95
Gas flow Proportional Counter	EPA 900.0 Mod	Gross-alpha
Gas flow Proportional Counter	EPA 9310	Gross-alpha
Gas Flow Proportional Counter	EPA 900.0 Mod	Gross-beta
Gas Flow Proportional Counter	EPA 9310	Gross-beta
Gas Flow Proportional Counter	EPA 903.0 Mod	Radium 226
Gas Flow Proportional Counter	EPA 9315 Mod	Radium 226
Gas Flow Proportional Counter	SM 7500Ra-B Mod	Radium 226
Gas Flow Proportional Counter	Eichrom SRW01	Strontium-89
Gas Flow Proportional Counter	HASL 300 Sr-01-RC	Strontium-89
Gas Flow Proportional Counter	Eichrom SRW01	Strontium-90
Gas Flow Proportional Counter	HASL 300 Sr-02-RC	Strontium-90
Liquid Scintillation	Eichrom TCW02	Technetium-99
Liquid Scintillation	Eichrom TCS01	Technetium-99
Alpha Spectroscopy	Eichrom ACW03	Americium-241
Alpha Spectroscopy	Eichrom ACW16	Americium-241
Alpha Spectroscopy	HASL 300 Se-03	Americium-241
Alpha Spectroscopy	Eichrom ACW16	Neptunium-237
Alpha Spectroscopy	Eichrom ACW03	Plutonium-238
Alpha Spectroscopy	Eichrom ACW16	Plutonium-238
Alpha Spectroscopy	HASL 300 Se-03	Plutonium-238
Alpha Spectroscopy	Eichrom ACW03	Plutonium-239/240
Alpha Spectroscopy	Eichrom ACW16	Plutonium-239/240
Alpha Spectroscopy	HASL 300 Se-03	Plutonium-239/240
Alpha Spectroscopy	Eichrom ACW03	Plutonium-241
Alpha Spectroscopy	Eichrom ACW16	Plutonium-241
Alpha Spectroscopy	HASL 300 Se-03	Plutonium-241
Alpha Spectroscopy	Eichrom ACW03 HASL 300 Se-03	Uranium-234
Alpha Spectroscopy	Eichrom ACW16	Uranium-234
Alpha Spectroscopy	HASL 300 Se-03	Uranium-234
Alpha Spectroscopy	Eichrom ACW03	Uranium-235
Alpha Spectroscopy	Eichrom ACW16	Uranium-235
Alpha Spectroscopy	HASL 300 Se-03	Uranium-235
Alpha Spectroscopy	Eichrom ACW03	Uranium-238

Air and Emissions		
Technology	Method	Analyte
Alpha Spectroscopy	HASL 300 Se-03	Uranium-238
Alpha Spectroscopy	Eichrom ACW16	Uranium-238
Alpha Spectroscopy	Eichrom ACW10	Thorium-228
Alpha Spectroscopy	Eichrom ACW10	Thorium-230
Alpha Spectroscopy	Eichrom ACW10	Thorium-232

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. ADE-1489.01.



Jason Stine, Vice President

