



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

**Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division**

Issued Date: 21 June 2019
Effective Date: July 1, 2019
Expiration Date: June 30, 2020
Certificate Number: 04127



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Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

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Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

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Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

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Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE