



INDUSTRIAL HYGIENE TESTING

EMSL Analytical, Inc. provides Industrial Hygiene (IH) Laboratory Services for air, wipe, and bulk matrices on an extensive list of NIOSH, OSHA, ASTM, and EPA test methods, boasting five IH laboratory location within North America: EMSL's Corporate Laboratory in Cinnaminson, NJ; Indianapolis, IN; Charlotte, NC; Huntington Beach, CA (LA Testing); and our Canadian location in Toronto, ON.

Our team of qualified and experienced professionals include board-certified Industrial Hygienists (CIH), as well as highly trained project managers and analysts that welcome client interaction at project inception to ensure the laboratory data will meet all of the intended goals of the event, as well as communication during and after the event, as well as while samples are in-house. We believe clear and concise communication is imperative to each project's success.

EMSL maintains AIHA accreditation for tests performed by the IH laboratories, which includes on-site laboratory audits, formal document review program, staff experience and education criteria, and Proficiency Testing Program as part of the Accreditation process. Additionally, as required by various states, EMSL IH laboratories hold most applicable state certifications for fields of testing for air samples. Regarding media and pumps, EMSL offers a "free IH sampling pump program" for clients, provided the analysis is performed by one of our IH laboratories. We also offer an extensive list of products and media for sale, including: pumps, badges, field equipment/monitors, etc., all of which can be viewed via our website.

EMSL has state of the art equipment within each of our five IH laboratory locations, including: GC-ECD/GC-FID/GC-MS, LC, MS, MS/ HPLC/LC/MS/IC/XRD/UV-VIS/ICP-AES,OES/ICP-MS, etc. The analysis and reporting of each individual sample includes analysis of Quality Control (QC) samples, programs such as Instrument QC controls, calibration standard checks, spiked media, and reporting limit controls; all to ensure the confidence limits of the data are within the acceptable range as specified by the method requirements and our Quality Control Program.

Our labs maintain normal business day operational hours with weekend scheduling availability as needed for critical response situations. Samples are received during regular business hours and turnaround times (TATs) are tracked on business days. Laboratory TATs are offered for same day or next day, as well as for 2 day, 3 day, 4 day, 1 week, and 2 week Standard TATs. Costs/rates are based on the TAT requested with our 2 week TAT rates being the most economically cost-effective for our customers.

Sample control/processing (log-in, results data-entry, reporting) is facilitated by our Laboratory Information Management System (LIMS) which tracks the sample job (batch) and provides the laboratory with work log (due dates) to help ensure all the work is organized and processed in accordance with the client's needs. Additionally, the LIMS includes security controls to ensure that information is controlled (locked) once the data has been documented and entered by the bench chemists. Reports are delivered at the choice of the customer which would include email, hard-copy regular mail, or both. Additionally, EMSL can provide Electronic Data Deliverables (EDD) as well as various QC Data Packages if required.



Key tests include* (but are not limited to) the following:

NIOSH

- NIOSH 0500
- NIOSH 0600
- NIOSH 1003M
- NIOSH 1005M
- NIOSH 1007
- NIOSH 1013
- NIOSH 1019
- NIOSH 1024
- NIOSH 1300
- NIOSH 1301
- NIOSH 1400M
- NIOSH 1401
- NIOSH 1402
- NIOSH 1403
- NIOSH 1405
- NIOSH 1450
- NIOSH 1453
- NIOSH 1457
- NIOSH 1500M
- NIOSH 1501M
- NIOSH 1550M
- NIOSH 1552
- NIOSH 1603M

- NIOSH 1604
- NIOSH 1606M
- NIOSH 1610
- NIOSH 1612
- NIOSH 1615
- NIOSH 1616
- NIOSH 2000M
- NIOSH 2016M
- NIOSH 2500M
- NIOSH 2532
- NIOSH 2537
- NIOSH 2546M
- NIOSH 2551M
- NIOSH 3500
- NIOSH 5008M
- NIOSH 5026
- NIOSH 5040
- NIOSH 5041
- NIOSH 5042M
- NIOSH 5503M
- NIOSH 5506M
- NIOSH 5510M
- NIOSH 5523
- NIOSH 5524

- NIOSH 5600
- NIOSH 5601M
- NIOSH 6004M
- NIOSH 6009M
- NIOSH 6010M
- NIOSH 6011
- NIOSH 6013
- NIOSH 6014
- NIOSH 6016
- NIOSH 7082
- NIOSH 7401
- NIOSH 7500
- NIOSH 7501
- NIOSH 7600
- NIOSH 7602
- NIOSH 7903
- NIOSH 7903M
- NIOSH 7906
- NIOSH 7907
- NIOSH 7908
- NIOSH 7908M
- NIOSH 9111M

OSHA

- OSHA 07
- OSHA 42/47M
- OSHA 56
- OSHA 58M
- OSHA 64
- OSHA 80
- OSHA 83M
- OSHA 91
- OSHA 99M
- OSHA 104
- OSHA 109
- OSHA 1007
- OSHA 1008
- OSHA 1010 V2
- OSHA 1014
- OSHA 1018
- OSHA 1019
- OSHA 103M
- OSHA 5001
- OSHA CSI
- OSHA 42/47M
- OSHA ID-113
- OSHA ID-140

- OSHA ID-145
- OSHA ID-165SG
- OSHA ID-182
- OSHA ID-188M
- OSHA ID-190
- OSHA ID-214
- OSHA ID-215 V2
- OSHA PV2061
- OSHA PV2111
- OSHA PV2119

Other Methods

- 40CFR50, Appendix B
- 40CFR50, Appendix J
- 40CFR50, Appendix L
- AssayTech LP 575
- ASTM D5504
- EPA IP-10A
- EMSL In-House Methods

If you are looking for a method that is not listed, please contact us immediately to confirm if we can perform. Our list of services is being expanded regularly.