



ALS Salt Lake City, UT

Diesel Particulate Matter

Industrial Hygiene

- TO-14, 15
- Beryllium
- Diesel Particulates
- Pesticides and Herbicides Scans
- TO-17
- Silica
- Methamphetamine
- GC/MS Screens
- Metals Panels
- Aldehydes and Amines
- Antineoplastic / Chemotherapy Drugs

Environmental

- Perchlorate (6850)
- White Phosphorus (7580)
- NDMA
- Explosives/Nitroaromatics
- Vapor Intrusion
- Chemical Agent Breakdown Products by LC/MS
- SW-846 Methods
- EPA CLP
- DoD
- SEDD (Staged Electronic Data Deliverable)

Microbiology/Mycology

- Non-Viable Fungal Spore Analysis
- Viable Fungal and Bacterial Analysis
- Microbial Identification
- Endotoxins/Mycotoxins
- Coliforms and E. coli 0157:H7

Dietary Supplements

- Vitamin Analysis
- Pesticides Screens
- Minerals Analysis
- Heavy Metals

**RIGHT SOLUTIONS
RIGHT PARTNER**

Problem: Diesel Particulate has been classified as a probable human carcinogen. NIOSH has recommended "...that whole diesel particulate be regarded as a potential occupational carcinogen..." and that employers reduce workers' exposures.

Solution: ALS Environmental offers analysis for Diesel Particulate using NIOSH Method 5040. Low-Level sampling on special 37 mm quartz fiber filters by NIOSH method 5040:

- Filters are pre-baked to eliminate blank contaminants
- Quality fiber filter is placed on stainless steel support screen to further eliminate blank contamination when specified by client
- Analysis in 2 stages of both organic carbon and elemental particulate carbon as discrete, separate increments
- Mineral carbonates may be eliminated by acid treatment
- Method useful for carbon black and other combustion particulates
- Analyses using Size-Selective Impactors required by some sites. ALS can load client-supplied impactors with filter media
- ALS can provide 10 day turnaround time for analysis

ALS Environmental Detection Limits:

Detection Level	1.3 µg/filter
Sampling Requirements	Volume: 142 L-19m3
Flow Rate	1-4 Lpm Cyclone required in some circumstances

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ALS Environmental Locations Across North America

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