

Analytical Chemist

Role of the Analytical Chemist

Conduct lab analysis and assemble/maintain documentation for our lead and other pollutants in drinking water testing programs and help to ensure communications to clients are accurate and understandable.

Responsibilities

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- Conduct routine QC, instrument stability testing, prepare and maintain records and summaries.
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- Participate in training and transfer of methods to and from QC Officer and contract manufacturers
 - as assigned.
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- Modify and validate analytical procedures to meet QC objectives.
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- Support design and development of experimental protocols, SOP's, etc., consistent with
 - cGMP/GLP, U.S. EPA methodology, and laboratory accreditation.
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- Execute special projects on analytical and instrument problem solving.
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- Conduct chemical testing (perfluoroalkyls by LC/MS/MS, trace metals by ICP/MS) per SOP.
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- Perform testing on time and record quality of product.
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- Interface with QC Officer and Public Relations officer to validate results and communicate to Client.
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- Maintain sample Chain of Custody and analytical traceability documentation.
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- Maintain, operate, and adapt analytical instrumentation.
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- Participate in routine Proficiency Testing program, apply corrective actions to deficiencies and maintain PT and CA documentation
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- Conduct laboratory procedure review and propose modifications and updates.
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- Ensure work environment is clean and safe complying with all appropriate safety regulations.
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- Report monthly on supply inventory for orders involving devices, chemicals, and reagents.
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- Contribute to industrial, R&D qualification and validation activities and support routine maintenance.
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- Maintain waste inventory and interface with transport and disposal vendors as specified in the laboratory Waste Management Plan
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- Represent the organization at events, which may include some travel throughout the Great Lakes.
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Skills and Requirements: Bachelor's degree in chemistry, Experience managing all parts of lab process (intake, preparation, analysis, reporting). Familiarity with ICP/MS and LC/MS/MS equipment; pipetting, acid washing, standard and reagent preparation. Working knowledge of waste management practices, and applicable health and safety standards.

Reports to: Flint Community Lab Director and the Executive Director at Freshwater Future

Location: Flint, Michigan

Salary: \$20-25 an hour

Application Process: Send cover letter and resume to Stephanie Altrock, stephanie@freshwaterfuture.org.

Deadline: July 15, 2024 or until position filled

Freshwater Future and Flint Community Lab are Equal Opportunity Employers