Laboratory Technician

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Laboratory Technician

Chemistry Unit, Laboratory Services Division

2 positions
Hiring #: 2021-0630

Please read the Application Instructions [1] before applying

Working within the Chemistry Unit of the Agriculture & Food Laboratory and adhering to specific work unit protocols and SOP’s, the successful candidate will co-ordinate, lead and perform a wide variety of complex residue and trace contaminant analysis on various matrices and biohazardous materials, including atypical matrices and legal samples. A wide variety of analytical methods will be followed in adherence to ISO 17025, SCC, CALA and GLP standards for quality assurance control and maintaining all related records. Responsibilities also include: set-up, operation, and trouble-shooting of laboratory instrumentation and equipment (such as GC-MS/MS or LC-MS/MS systems); coordinating weekly testing schedules within the team; overseeing bench-level laboratory assistant activities supporting various projects; performing in-depth data reduction on data received from a variety of instrumentation; reviewing, approving and reporting results to clients; conducting method improvements and validation testing; collaborating with other staff on continuous improvement of laboratory operations; providing functional guidance to other staff on analytical projects; and, performing general laboratory duties as required.

Requirements of the position include: Three year Community College diploma (Chemical Technology or Chemistry program) plus some experience in a related field or, an equivalent combination of education and experience. Thorough knowledge and experience in analytical chemistry and/or biochemistry; proven experience in conducting complex analysis in a client-focused, high volume lab; demonstrated experience setting up, operating and trouble-shooting advanced chromatographic analytical equipment and performing data-reduction on outputs; high level of attention to detail; demonstrated experience troubleshooting analytical methodologies; proven experience directly interfacing with clients and delivering time-sensitive results; excellent understanding of control charting and QA/QC standards; working knowledge of method validation techniques within an ISO 17025 laboratory environment; experience working in an environment requiring a high level of flexibility and ability to respond quickly to changing submission loads and client requirements; good working knowledge of computers and desktop/instrumentation software (i.e. Excel, Word, ChemStation, Empower, Analyst); good understanding of laboratory health & safety practices and related acts; demonstrated self-motivation combined with the proven ability to work both independently and as a team member in a high-throughput analytical laboratory; strong oral and written communication skills.

Position Number 486-012, 486-013
Classification USW, Local 4120 Salary Band 5
Salary Range $25.92 Minimum
$28.96 Normal Hiring Limit
$35.08 Job Rate

At the University of Guelph, fostering a culture of inclusion [2] is an institutional imperative. The University invites and encourages applications from all qualified individuals, including from groups that are traditionally underrepresented in employment, who may contribute to further diversification of our Institution.

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[1] https://www.uoguelph.ca/hr/careers-guelph/how-apply
[3] https://www.uoguelph.ca/hr/page-category/current-opportunity