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| Job Title: | IN-DOH-Opioids Chemist  Contractor | **Region :** | State of Indiana |
| Position Type: | Contract | Job Code/ Req#: | 756810 |
| Location: | Onsite  **Worksite Address:**  550 W 16th Street, Suite B Indianapolis, 46202 | **Agency Interview**  **Type:** | In person only |
| **Req. Status:** | Open | **Start Date:** | 03/10/2025 |
| **Expenses Allowed** | No | **End Date:** | 06/30/2025 |
| **No.of Openings** | 1 | **No New Submittals After :** | 02/20/2025 |
| **Max.Submmitals by Vendor Opening :** | 2 | **Send Resumes to :** | resumes@taurusbiz.com |
| **Level/Salary Range :** | $31/hr on C2C |  |  |
| **Requisition Description** | | | |
| **Short Description:** Contractor will prepare and analyze samples for opioids and other drugs of abuse in blood, urine and wastewater using LC-MS/MS and LC-QTOF.  **Complete Description:**  **Purpose of Position/Summary:**  Incumbent serves as a junior level chemist in the Chemistry Laboratory of the IDOH Chemistry Laboratories. Incumbent prepares and analyzes samples for opioids and other novel psychoactive substances in human specimen (Blood, urine and serum) and wastewater. Other range of contaminants include antibiotics, Radionuclides, Metals, and Pesticides.  **Qualifications**  • Incumbent shall have at least a bachelor’s degree in chemical or physical science from an accredited college or university.  • Incumbent shall have a minimum of 2 years of experience as an analytical chemist.  **Essential Duties/Responsibilities :**  • Performs highly complex chemical analysis on environmental, food or clinical matrices to determine the level of contaminants or toxic substances using sophisticated instrumentation in compliance with EPA, FDA, or CLIA requirements.  • Adheres to Quality Assurance guidelines.  • Maintains proficiency and technical expertise by passing Proficiency Testing (PT) samples.  • Maintains assigned instrumentation in working order; performs preventative maintenance and repair on laboratory equipment.  • Completes all required paperwork; maintains instrument logbook, prepares technical reports and updates standard operating procedures (SOPs).  • Maintains a safe and uncluttered work area.  • Trains and cross trains on other analytical procedures within the laboratory.  • Assists the supervisor by performing related tasks as assigned.  **Job Requirements:**  • Technical knowledge of and ability to operate highly complex laboratory equipment such as LC/MS/MS, LC/QTOF and GC/MS/MS. Familiarity with Sciex equipment such as QTRAP 6500+ and X500QTOF preferred.  • Ability to communicate effectively with others both within and outside of the laboratory.  • Broad knowledge of good laboratory practices (GLP) and good automated laboratory practices (GALP).  • Broad knowledge of principles and practices of analytical, organic and inorganic chemistry with subsequent experience during the last 2 years.  • Specialized knowledge of related scientific areas such as information systems, physics, and statistics.  • Practical knowledge of laboratory safety and biosafety.  • Extensive knowledge of appropriate state and federal laws, rules, regulations, and policies relative to the specialty area such as EPA, FDA, DEA, ISO 17025, CLIA.  • Ability to design analytical techniques and develop new methods of analysis.  • Ability to assist with epidemiological and/or statistical reports from data compiled on a daily, weekly, monthly or annual basis.  **Supervisory Responsibilities/Direct Reports:**  Not applicable.  **Difficulty of Work:**  Incumbent is engaged in scientific analyses that demand accuracy and demonstrated  proficiency in applying laboratory analytical skills to problem solving. Projects involve many complex variables of great intricacy, and the chemist is often called upon to analyze unusual sample matrices. Work requires considerable use of analytical judgment and technical knowledge in order to draw accurate, logical conclusions. Incumbent may be required to testify in judicial proceedings as an expert witness for the State of Indiana. Errors in work could adversely affect the health, safety, and well-being of the public, coworkers, or the incumbent.  **Responsibility:**  Incumbent works under minimal supervision as a subject matter expert Technical  Incumbent works under minimal supervision as a subject matter expert.  Technical assistance is occasionally sought if expertise outside the incumbent’s specialized  area is needed. Work is reviewed and evaluated upon completion for general technical accuracy; however, tasks are performed independently. Incumbent’s work has a substantial impact on the control and identification of opioids and other substances used for public health surveillance.  **Personal Work Relationships:**  Incumbent works with the supervisor, other State Department of Health employees, and representatives from the other state, local, and federal agencies to receive or provide assistance or work for solutions to common problems concerning analytical  problems/techniques or interpretation of federal requirements.  **Physical Effort:**  Incumbent must be able to handle and prepare clinical specimens.  **Working Conditions:**  Incumbent works in a laboratory environment. Hazards include compressed gasses, flammable materials and chemicals which may be poisons or carcinogens/teratogens. Biohazards are also present. Appropriate safety precautions are always required.  **Required/Desired Skills**   |  |  |  |  | | --- | --- | --- | --- | | **Skill** | **Required /Desired** | **Amount** | **of Experience** | | Bachelor's degree in chemical or physical science | Required |  |  | | Min. 2 years of work experience as an analytical Chemist. | Required | 2 | Years | | Technical knowledge of and ability to operate highly complex laboratory equipment such as LC/MS/MS, LC/QTOF and GC/MS/MS | Required |  |  | | Exten. knowledge of appropriate state & federal laws, rules, regs, and policies relative to the specialty area such as EPA, FDA, DEA, ISO 17025, CLIA. | Required |  |  | | Ability to design analytical techniques and develop new methods of analysis. | Required |  |  | | Ability to assist with epidemiological and/or statistical reports from data compiled on a daily, weekly, monthly or annual basis | Required |  |  | | Broad knowledge of principles and practices of analytical, organic and inorganic chemistry with subsequent experience during the last 2 years. | Required |  |  | | Prior working experience with GCMS, LC-MS/MS and proficient use of same for  qualitative and quantitative analysis | Highly desired |  |  | | Familiarity with Sciex equipment such as QTRAP 6500+ and X500QTOF preferred. | Highly desired |  |  |   **Questions:**   |  |  | | --- | --- | |  | **Description** | | **Question 1** | Absences greater than two weeks MUST be approved by CAI management in advance, and contact information must be provided to CAI so that the resource can be reached during his or her absence. The Client has the right to dismiss the resource if he or she does not return to work by the agreed upon date. Do you accept this requirement? | | **Question 2** | Please list candidate's email address. | | **Question 3** | Please list the city and state where candidate currently resides. | | **Question 4** | Position is Monday thru Friday, 7.5H days. Do you accept this requirement? | | **Question 5** | Resume must detail some experience with chromatography and mass spectrometry such as GC-MS, LC-MS/MS. This must be included in the  resume work history not just the skills template. | | **Question 6** | Candidate submission must include a statement outlining candidates' experience of the use of chromatography and mass spectrometry with the software they are most proficient with for qualitative and quantitative analysis. Is this included with submission? | | | | |
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| **Reviewed By:** | Swathi G | **Date:** | 02/14/2025 |
| **Approved By:** | Ram S | **Date:** | 02/14/2025 |
| **Last Updated By:** | Swathi G | **Date/Time:** | 02/14/2025 |