



Chemist II

Salary Group: B18
Class Code: 2473

<u>CLASS TITLE</u>	<u>CLASS CODE</u>	<u>SALARY GROUP</u>	<u>SALARY RANGE</u>
CHEMIST I	2472	B16	\$34,918 - \$55,130
CHEMIST II	2473	B18	\$39,521 - \$64,449
CHEMIST III	2474	B20	\$45,158 - \$73,788
CHEMIST IV	2475	B22	\$51,614 - \$84,479
CHEMIST V	2476	B24	\$59,004 - \$96,720

GENERAL DESCRIPTION

Performs moderately complex (journey-level) chemical analysis work. Work involves conducting the chemical analysis and physical testing of materials, chemicals, physiological specimens, and other products; conducting research; and preparing technical reports. May provide guidance to others. Works under general supervision, with moderate latitude for the use of initiative and independent judgment.

EXAMPLES OF WORK PERFORMED

Conducts research and quality control tests on chemicals and materials.

Conducts chemical and physical analyses of food, drugs, human clinical specimens, construction materials, wastewater, stream pollution, hazardous waste, alcohol, or other materials.

Collects, prepares, and analyzes samples.

Prepares test solutions, compounds, and reagents for analytical procedures.

Verifies and interprets test results and prepares test reports.

Maintains, troubleshoots, calibrates, and/or sterilizes laboratory equipment.

Prepares specifications for laboratory chemicals, equipment, and supplies.

Prepares technical reports and research papers.

Assists in conducting audits of environmental laboratories to ensure compliance with applicable environmental or public health laws, rules, regulations, and policies.

Assists in the development and implementation of laboratory procedures, safety guidelines, or guidelines for laboratory assessments and/or accreditation.

May interpret laboratory and analytical results for use in regulatory determination decisions.

May provide guidance to others.

Performs related work as assigned.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Experience in chemical analyses and laboratory work. Graduation from an accredited four-year college or university with major coursework in chemistry or a related field is generally preferred. Experience and education may be substituted for one another.

KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of the principles of chemical processes and analyses; of the preparation, properties, structures, and use of chemical and physical substances; and of the laws and standards related to the technical areas of responsibility.

Skill in the operation of laboratory equipment and in the use of a computer and applicable software.

Ability to conduct physical and chemical analyses and tests, to interpret test results, to prepare reports, to communicate effectively, and to provide guidance to others.