



Chemist I

Salary Group: B16

Class Code: 2472

<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 routine (journey-level) chemical analysis work. Work involves assisting in conducting chemical analyses and physical testing of materials, chemicals, physiological specimens, and other products; and assisting with research. Works under moderate supervision, with limited latitude for the use of initiative and independent judgment

EXAMPLES OF WORK PERFORMED

Conducts research and quality control tests on chemicals and materials.

Collects, prepares, and analyzes samples.

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

Interprets test results and prepares test reports.

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

Assists in the chemical and physical analyses of foods, drugs, human clinical specimens, construction materials, wastewater, stream pollution, hazardous waste, alcohol, or other materials.

Assists with preparing technical reports and research papers.

May assist in the development and implementation of laboratory procedures and safety guidelines.

Performs related work as assigned.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Experience in chemical 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, and to communicate effectively.