

## CHEMIST I

NATURE OF WORK IN THIS CLASS:

This is routine professional laboratory work performing chemical qualitative and quantitative analyses.

Employees in this class perform routine professional chemical and physical analyses duties independently after initial training and work under close supervision on a variety of more complex developmental assignments.

ILLUSTRATIVE EXAMPLES OF WORK: (Any one position may not include all the duties listed, nor do the examples cover all duties which may be performed.)

Assists in analysis of dusts, fumes, vapors, and other atmospheric substances to determine presence of toxic contaminants.

Assists in the analysis of foods and beverages to determine chemical content of products, presence of preservatives and pesticide residues and other foreign, toxic or contaminant substances.

Assists in performing chemical and physical analyses of plants, cements, paper, soap, textifles, oils and a variety of other materials for conformance with specifications or other quality standards and requirements.

Assists in biochemical analyses such as in the analysis of urine for presence of narcotic drugs.

Keeps laboratory notes and records.

May perform some field sampling.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of analytical, physical and organic chemistry.

Knowledge of biochemistry as related to work involved.

Knowledge of the application of standard laboratory techniques, use of standard laboratory equipment and preparation and standardization of reagents and solutions.

Ability to perform a variety of chemical tests and analyses with accuracy.

Ability to work effectively with the public and employees.

Ability to communicate effectively, orally and in writing.

Ability to maintain records and prepare reports.

Skill in the use of laboratory equipment.

MINIMUM EXPERIENCE AND TRAINING:

Graduation from a recognized college or university with a Bachelor's degree in chemistry.

ESTABLISHED: July 1980



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DAVID R. FLORES, Executive Director  
Civil Service Commission