



# COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

## FORENSIC CHEMIST I

Job Number: 20000940

Job Code: 40580V230916

Job Group: 4000 - HEALTH SCIENCE AND LABORATORY

Job Established: 02/16/2005

Job Revised: 09/16/2023

Grade: 13	Salary (MIN - MID):	<b>Special Entrance Rate:</b>
	\$18,989-\$28,484 - Hourly	<b>NONE</b>
	\$3,085.72-\$4,628.66 - 37.5 Hr. Monthly Salary	<b>NONE</b>
	\$3,291.44-\$4,937.24 - 40 Hr. Monthly Salary	<b>NONE</b>

### **PROBATIONARY PERIOD:**

This job has an initial and promotional probationary period of 12 months, except as provided in KRS 18A.111.

### **CHARACTERISTICS OF THE JOB:** *Characteristics of a job are general statements indicating the level of responsibility and discretion of positions in that job classification. These are not intended to be an exhaustive list.*

Participates in a forensic chemistry based agency training program gaining skills to perform work in accordance with accepted methods, analyses and comparisons of liquid, solid and/or gaseous materials, substances and/or compounds submitted for examination pursuant to criminal investigations; and performs other duties as required.

### **MINIMUM REQUIREMENTS:**

#### **EDUCATION:**

Graduate of a college or university with a bachelor's degree in chemistry OR forensic science with course work in chemistry.

#### **EXPERIENCE, TRAINING, OR SKILLS:**

NONE

#### **Substitute EDUCATION for EXPERIENCE:**

NONE

#### **Substitute EXPERIENCE for EDUCATION:**

NONE

#### **SPECIAL REQUIREMENTS (AGE, LICENSURE, REGULATION, ETC.):**

NONE

**EXAMPLES OF DUTIES OR RESPONSIBILITIES OF THE JOB CLASSIFICATION:** *Examples of duties or responsibilities are not to be construed as describing what the duties or responsibilities of any position shall be and are not to be construed as limiting the appointing authority's ability to assign, or otherwise alter the duties and responsibilities of a position. This is not intended to be an exhaustive list.*

Receives training in one or more of the forensic disciplines including: Solid Dose Drug Identification, Blood Alcohol Quantitation, Breath Alcohol Analyses, Toxicological Drug Identification and Quantitation, Gunshot Residue Analyses, Paint, Hair, Fiber and/or Glass Comparisons, Fire Debris Analyses, Explosives and Explosive Residue Analyses, and /or Soil and Fertilizer Comparisons. Gains skills to operate, maintain and often repair instrumentation including: Gas Chromatographs, Mass Spectrometers, FTIR Spectrophotometers, Breath Alcohol Instrumentation, Inductively Coupled Plasma-Mass Spectrometer, Glass Refractive Index Measuring System, Scanning Electron Microscope, Stereomicroscopes, Fluorescence Microscope, X-Ray Diffractometer, X-Ray Fluorescence, and more. Makes reagents necessary for chemical analysis. Trains for and participates in mock trials. Prepares reports on the results of the analyses for court purposes. Receives evidence and is responsible for its security until returned to the submitting officer or agency. Reviews scientific literature and attends conferences and training courses to maintain analytical techniques. Provides technical assistance to agency personnel. Presence may be required at crime scenes to assist with evidence gathering and processing. Enforces departmental procedures as they relate to laboratory operations. Prepares evidence for presentation in court and may testify in court as an "expert witness" regarding examination results.

**UNIQUE PHYSICAL REQUIREMENTS:**

The work requires standing for long periods of time and possibly assisting in lifting dead bodies.

**TYPICAL WORKING CONDITIONS:** *Incumbents in the job will typically perform their job duties under these conditions.*

Incumbents in this classification will typically perform their job duties in a forensic laboratory setting. May have some contact with contagious diseases and/or body fluids. Regular handling of sharp surgical instruments. Regular exposure to noxious odors, chemicals substances, and biohazardous compounds.

**ADDITIONAL REQUIREMENTS:**

Upon appointment, employees in this class may be required to maintain a valid driver's license and may be required to drive a licensed vehicle. This status may be necessary for the length of time in this class. If this is necessary, it will be listed in the specific position description for that position. Applicants and employees in this job title may be required to submit to a drug-screening test and background check. Applicants and employees in positions which perform job duties that may require contact with offenders in the custody or supervision of the Department of Corrections, or with youth in the care, custody, or supervision of the Department of Juvenile Justice, must meet qualifications pursuant to the federal Prison Rape Elimination Act, 28 C.F.R.115.17 and 115.317.

*The Commonwealth of Kentucky does not discriminate on the basis of race, color, sex, disability, age, national origin, religion, sexual orientation, gender identity or expression, pregnancy or related medical condition, marital or familial status, ancestry, political affiliation, genetic information, or veteran status in accordance with state and federal laws.*