

AVA DAVIS Chemistry Lab Technician

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PROFESSIONAL SUMMARY

Accomplished Chemistry Lab Technician with a decade of experience in laboratory analysis and compliance with safety protocols. Expertise in conducting complex tests, calibrating instruments, and managing quality control processes. Adept at collaborating with cross-functional teams to optimize laboratory operations while ensuring precise data analysis and adherence to regulatory standards.

Chemistry Lab Technician

Mar / 2018-OngoingSanta Monica, CA

Pineapple Enterprises

- 1. Independently conducted testing of Toxic Industrial Gases while adhering to Good Laboratory Practices and standard operating procedures.
- 2. Provided technical support for research projects, optimizing daily operations and enhancing team performance.
- 3. Executed quality testing on safety equipment utilizing various laboratory instruments and detectors.
- 4. Designed and troubleshot custom test systems to ensure operational effectiveness.
- 5. Maintained detailed records of daily data and performed routine maintenance on laboratory instruments.
- 6. Calibrated equipment, maintained calibration logs, and ensured the procurement of necessary supplies.
- 7. Prepared chemical solutions and compounds for educational purposes and experimental use.

Chemistry Lab Technician

Summit Peak Industries

Mar / 2015-Mar / 2018
 Denver, CO

- 1. Conducted quantitative and qualitative chemical analyses, ensuring compliance with industry standards.
- 2. Assisted in the production and quality control processes for cyclotronproduced materials at the University of Tennessee Medical Center.
- 3. Formulated compounds for anti-cancer research, employing advanced chemistry techniques.
- 4. Characterized chemical compounds using Nuclear Magnetic Resonance and analytical chemistry methods.
- 5. Performed laboratory tests while prioritizing safety and precision in all operations.
- 6. Participated in professional development seminars to enhance knowledge of chemistry applications.

Bachelor of Science in Chemistry

🛗 Mar/2012-Mar/2015

♣ Denver, CO

University of California, Berkeley

Completed coursework in analytical chemistry, organic chemistry, and laboratory techniques.

SKILLS

Filtration Techniques



ACHIEVEMENTS

- Improved laboratory efficiency by 20% through optimized testing protocols.
- Successfully implemented a new quality control system, reducing errors by 15%.