

ARIEL EWING

Memphis, TN | 901.440.6629 | Amewing26@gmail.com | [LinkedIn](#)

Chemist

Acknowledged as a detailed, technically astute, and resolute Chemist with direct, firsthand experience with providing advanced levels of laboratory support. Offering a wide array of proven skills in logical problem solving, streamlining operations, cross-functional collaborations, and team management. Proven ability to oversee multiple tasks simultaneously. Recognized as an effective collaborator who thrives in dynamic, fast-paced, and constantly changing environments.

AREAS OF EXPERTISE

- GMP/Manufacturing
- Microsoft Office Suite
- Laboratory Support
- Oral/Written Communication
- Empower
- Technologically Savvy
- Chemistry
- Problem Identification/Resolution
- Controls
- Inventory Management
- Enforcing Regulations
- Critical Thinking

PROFESSIONAL EXPERIENCE

ABZENA, Bristol, PA

10/2021 – Current

Chemist II

- Develop, optimize, qualify, transfer, validate, and execute analytical methods for small molecule, protein, and antibody drug conjugate (ADC) compounds; sample types can include raw materials, in-process materials, intermediates, APIs, finished products, related substances, stability samples, or cleaning verifications; analytical techniques include UV-visible spectroscopy, RP-LC, SEC, HIC, CEX, SDS-PAGE HPLC/UPLC, LC-MS, q-TOF, capillary electrophoresis, ELISA, peptide mapping, SEC- MALS, DSC, MFI, DLS, cIEF, Karl Fischer, FTIR, pH, conductivity, osmolality, appearance, and binding ELISA.
- Author/review SOPs, analytical test methods, standard work instructions, technical documents, protocols, and reports.
- When needed, help management with OS, non-conformance, and root cause investigations.
- Write or assist with deviations, change controls, and CAPAs.
- Document work in laboratory notebooks/logbooks aligned with organizational GDP policies.
- Oversee the work completed by third-party analytical and metrology service providers.
- Verify compliance with organizational EHS policies; maintain work areas in a safe/clean manner.
- Participate in peer reviews of analytical data.

COGNATE BIOSERVICES, INC., Memphis, TN

04/2021 – 10/2021

QC Analyst II

- Ensured compliance with SOPs and other documentation practices to ensure data integrity and traceability.
- Accountable for performing cell-based immunological in vitro methods; completed release testing using multiple techniques ranging from compendia assays like pH and osmolality to more complex assays such as proliferation and cytotoxicity.
- Quickly learned and demonstrated proficiencies with various methods and participated in assay troubleshooting.

MID SOUTH MILLING, Memphis, TN

03/2019 – 03/2021

Analytical Chemist

- Prepared samples for protein analysis using the LECO machine; created samples for salmonella testing using DUPONT.
- Accurately logged daily samples received/shipped; maintained the laboratory cleanliness; performed maintenance on the LECO machine; conducted monthly inventory; and kept the log of chemicals current.

PHARMEDIUM, Memphis, TN

06/2016 – 03/2019

Associate Chemist

- Tasked with performing quantitative/qualitative analyses (HPLC/UPLC and some UV-Vis) for the company's compounded admixed product for distribution to national customers.
- Completed experiments as directed by the Method Development and Validation Team, such as preparing standards, samples, setting up instruments, and documenting preparations and results.
- Demonstrated advanced skills with using the pH meter and Karl Fischer to determine moisture.

- Received, stored, and logged in samples for testing analysis; set up glassware; kept the laboratory clean; ordered supplies and other materials.
- Ensured adherence to SOP; maintained laboratory notebooks; and provided support for regulatory inspections/audits.
- Helped revise SOPs as needed; accurately interpreted data.
- Consulted with other departments including QA, QC, and the Pharmacist to address testing issues, and to establish corrective action plans to improve overall functionality.

OXFORD IMMUNOTEC, Memphis, TN

06/2014 – 07/2016

Lab Assistant II

- Supported operations in a GMP laboratory, including pre-/post-analytic phases of human specimens for diagnostic testing; maintained/reviewed SOPs and training documents; and consistently generated accurate and reliable data and interpreted results.
- Adhered to methodologies/SOP protocols when completing daily tasks like pre-/post-cleaning of automation systems.
- Updated technical developments and found/implemented ways to save time while improving productivity.
- Complied with strict safety procedures when managing human specimens; completed cell processing/culture using aseptic techniques inside/outside of a biological safety cabinet.
- Manually isolated PBMC cells using Ficoll and other reagents; processed patient blood samples to be screened for tuberculosis; prepared blood samples using T-Cell Xtend®, AIM-V, and RPMI Medium to isolate T-Cells from whole blood.
- Successfully initiated/resolved problem sample investigations, as well as accessioning/resolving patient demographics issues; prepared requisitions for input and scanning.

LANE COLLEGE, Jackson, TN

08/2011 – 07/2014

Research Assistant

- Effectively utilized multiple data streams to locate information; helped the Lead Research Scientist with projects.
- Accountable for ordering supplies/materials, as well as consumables and common supplies.
- Set up glassware and ensured the lab's cleanliness.
- Solved critical issues, and conducted scheduled analyses.

EDUCATION

Bachelor of Science in Chemistry (Summa Cum Laude) | Lane College, Jackson, TN