VRUSHALI MORE

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SUMMARY

Motivated graduate student in pharmaceutical sciences, proficient in using QC methods, analytical techniques, validation studies, protein purification processes, and drug discovery, and experienced in GxP regulations, including GMP, GLP, GCP, GDP, and GVP. Holds an exposure of working as a team player and a leader with good problem-solving skills in the given time limit. I want to grow with the organization and promote my interprofessional expertise.

TECHNICAL SKILLS

Analytical Techniques: HPLC(SEC, IEX), Mass Spectroscopy (LC, ICP, GC/MS), Gas Chromatography, UV-Vis Spectroscopy, UPLC, FT-IR, NMR, pH meter, TOC, Karl Fischer Titrators, TGA, DSC, Sample, Buffer and Standard Preparation, System Suitability Optimization, and Troubleshooting.

Documentation & Tools: Standard Operating Procedures (SOPs), Agilent, Unicorn, LIMS, ChemStation, Empower 3, Chromeleon, Microsoft Office Suite (Word, Excel, PowerPoint, Outlook)

EDUCATION

Campbell University – Buies Creek, NC **Expected Graduation: May 2025**
Master of Science in Pharmaceutical Sciences *GPA: 3.8/4.0*

Pune University, Pune, India **Graduated**
Bachelor of Pharmacy *GPA: 3.60/4.0*

EXPERIENCE

Pharmaceutical Education & Research Center (PERC) Buis Creek, NC
Analytical Chemist *January 2024 – Present*

- Conducted routine analytical testing for raw materials, in-process products, finished products, and APIs using HPLC, GC, and UV-Vis spectroscopy, ensuring data integrity and compliance with GMP, USP, and FDA requirements
- Performed stability, potency, content, and blend uniformity assays on tablets and capsules to ensure product quality and compliance with GMP and regulatory standards
- Gained hands-on experience with equipment such as Karl Fischer titrators, homogenizers, and viscometers.
- Maintained batch records for drug batches, ensuring quality and compliance with GMP and regulatory standards

Wayne State University Detroit, MI
Research Assistant *September 2022- July 2023*

- Developed, qualified, and validated HPLC, GC, and UPLC methods per ICH and FDA guidelines, ensuring accuracy, precision, specificity, linearity, robustness, LOD, LOQ, and seamless method transfer across laboratories.
- Conducted USP testing for dissolution, disintegration, ID test, loss on drying (LOD), hardness, and friability.
- Performed routine maintenance, calibration, and system suitability testing for analytical instruments, including HPLC, ICP, and UPLC.
- Successfully troubleshot equipment issues to ensure optimal performance and compliance with ICH, USP, and FDA standards.

Glennmark Pharmaceuticals Nashik, India
R&D Intern *August 2020 – July 2022*

- Conducted pH solubility analysis, osmolality testing, sample preparation, Calorimetric tests, titration, TLC, and microscopic analysis for particulate matter.
- Managed laboratory activities, including inventory control, equipment maintenance, and logbook audits. Produced data-driven analytical reports, documented batch records, and ensured compliance with safety protocols."

PROJECTS

Optimization of SARS-CoV-2 S-RBD Production using Bacterial Cells Campbell University

- **Optimized SARS-CoV-2 S-RBD expression** by subcloning into the mEGFP-pBAD plasmid and using the pBAD system.