

CHEMIST

QUALIFICATIONS PROFILE

Multifaceted, performance-focused, astute chemist with expertise in chemical methodology, analytical methods, and synthesis. Equipped with solid research and development experience in pharmaceutical and chemistry fields. Adept at performing total synthesis having worked as an operator for NMR, FT-IR, HPLC, GC-MS. Highly capable of performing top-notch quality checking; accustomed to conducting various tests, such as content uniformity, identity, and impurities. Efficient at ensuring laboratory compliance to safety and regulatory requirements and familiar with SAR and general medicinal chemistry.

AREAS OF EXPERTISE

**NMR (2-D, COSY, NOESY)
Analytical Separation Techniques
Chemical Safety
Regulatory Compliance**

**Laboratory Procedures Management
Technical Report Writing
Chemical Testing
New Product Development**

PROFESSIONAL EXPERIENCE

ABC COMPANY ■ NEW YORK, NY

Graduate Student Instructor

2016–Present

- Conduct wet chemistry involving pH, cation and anion detection, viscosity, conductivity, concentration, use of burette and pipette (titration), temperature measurement and multi-step synthesis.
- Complete the step-by-step process in mixing, separating, analyzing volumetrics, gravimetrics, distilling, flame testing, melting points identification, and titrating.
- Handle hazardous chemical substances and teach students on safe and proper way in preparing necessary chemicals for laboratory experiments.

DEF COMPANY ■ NEW YORK, NY

Chemist

2013–2016

- Performed analytical tests, including assay, content uniformity, identity, impurities, testing of solid dosage finished product before release and conduct of stability studies using HPLC, UV/VIS, and TLC.
- Efficiently provided technical specifications to assist other scientists and reported omissions, incomplete testing results, and other irregularities to the management.
- Contributed to management efficiency and control through effective management of activities with quality control and processing for smooth dispatches.

EDUCATION

MASTER OF SCIENCE IN ORGANIC CHEMISTRY: 2014 ■ ST. JOHN'S UNIVERSITY, NEW YORK, NY, USA

BACHELOR OF SCIENCE IN CHEMISTRY: 2010 ■ ST. JOHN'S UNIVERSITY, NEW YORK, NY, USA

ASSOCIATE OF SCIENCE IN CHEMISTRY: 2008 ■ ST. XAVIER'S COLLEGE, GUJARAT UNIVERSITY, GUJARAT, INDIA

RESEARCH PROJECT

Brown, P., Brown, P., and Brown, P. (2011). *Synthesis of Substituted Azetidinones NCEs' in Drug Discovery Research*. St. John's University, NY.

Brown, P., Brown, P., and Brown, P. (2011). *Synthesis of Substituted Azetidinones NCEs' in Drug Discovery Research*. St. John's University, NY.

TECHNICAL ACUMEN

Microsoft Office Suite (Word, Excel, and PowerPoint) | Microsoft Access