

Nirav Dudhrejiya

Analytical Chemist

As a chemist with expertise in instrumental techniques, I have developed a deep understanding of the principles and applications of analytical chemistry. My experience includes working with various analytical instruments, such as spectrometers, chromatographs, and mass spectrometers, to identify and quantify chemical compounds in complex samples.



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WORK EXPERIENCE

QA/QC Analyst

Molecule Analytical Laboratory

09/2022 - 04/2023,

Ahmedabad, India

Molecule Laboratory is a budding enterprise which provides services in the fields of Testing, Research & development.

Achievements/Tasks

- Responsible for different types of analysis as per pharmacopeial testing and IHS.
- Sample Preparation: The ability to prepare various types of samples for analysis using techniques such as extraction, filtration, and dilution.
- Instrumentation: Expertise in the operation and maintenance of a range of analytical instruments, including spectrophotometers UV, FTIR, chromatographs HPLC, mass spectrometers (LC- MS/MS).
- Method Development: The skill to design and optimize analytical methods for the separation, identification, and quantification of different types of compounds.
- Knowledge of quality control procedures and standards for analytical laboratory work.
- Troubleshooting: The skill to identify and resolve common problems that may arise during analytical laboratory work, including issues with sample preparation, instrument operation, and data analysis.
- Documentation and Reporting: The ability to maintain accurate records and write clear and concise reports detailing analytical laboratory results.

EDUCATION

Masters of Science

Gujarat University

2021 - 2023,

Ahmedabad, 7.5 CGPA

Courses

- Chemistry

Bachelor of Science

Gujarat University

2018 - 2021,

Ahmedabad, 7 CGPA

Courses

- Chemistry

SKILLS

Finished products analysis

Results interpretation

Microsoft Excel

Lab equipment calibration

Lab Equipment Operation & Maintenance.

Equipment management

PERSONAL PROJECTS

HPLC method development and validation of Nadifloxacin in its dosage form (03/2023 - 03/2023)

- Learned about Various parameters and insights of analytical method development.

LANGUAGES

English

Professional Working Proficiency

German

Elementary Proficiency

INTERESTS

Ready to Relocate

Pharmaceuticals

Analytical laboratory

QC/QA department

analytical development laboratory