Dhruvi Patel

QC Chemist Trainee (B.Sc Chemistry)

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Personal statement

B.Sc Chemistry graduate (2026, 8.0 CGPA) with six weeks of industrial training in a quality control laboratory. Trained in titrations, UV-Vis spectroscopy, Karl Fischer, HPLC sample preparation and GLP documentation, and looking for a QC chemist trainee or lab chemist role in the Vadodara and Ankleshwar belt.

Education

B.Sc in Chemistry (Major), Physics · Shreyas Science College, Vadodara, Gujarat 2023 – 2026
Grade: 8.0 CGPA

Class XII (GSEB) in Science (Biology group) · Anand Vidya Vihar Higher Secondary School, Vadodara, Gujarat 2022 – 2023
Grade: 78%

Class X (GSEB) in Secondary School · Anand Vidya Vihar Higher Secondary School, Vadodara, Gujarat 2020 – 2021
Grade: 85%

Projects

Dye Removal from Water using Coconut-Shell Activated Carbon · Final-year project (team of 3) Aug 2025 – Feb 2026

Adsorption study carried out in the Department of Chemistry.

- Prepared activated carbon in the lab and measured methylene blue removal with a UV-Vis spectrophotometer at 5 pH levels.
- Achieved 91% removal at the optimum dose and presented a poster at a state-level science symposium.

Skills

Volumetric titrations · UV-Vis spectroscopy · HPLC sample preparation · Karl Fischer titration · pH and conductivity meters · GLP documentation · MS Excel · Chemical safety (MSDS)

Work experience

Industrial Trainee, Quality Control · Narmada Fine Chemicals Pvt Ltd, Vadodara, Gujarat May 2025 – Jun 2025

- Performed assay and Karl Fischer moisture tests on 120+ raw material samples under a senior chemist's supervision.
- Prepared mobile phases and standard solutions for HPLC runs and recorded results in controlled logbooks as per GLP.
- Calibrated pH meters and analytical balances daily and maintained calibration records for 6 instruments.
- Segregated and labelled 40 expired reagents for disposal before an internal audit.

Certifications

Good Laboratory Practices (GLP) Workshop · Department of Chemistry, Shreyas Science College Mar 2025

Industrial Safety Awareness Training · Narmada Fine Chemicals Pvt Ltd May 2025

Core skills

- Accuracy
- Lab safety
- Record keeping
- Following SOPs
- Teamwork

Languages

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English · Professional | Gujarati · Native | Hindi · Fluent