

# JAY B. JADAV

QA/QC

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14/01/2002



## SUMMARY

Dedicated and detail-oriented **M.Sc. Organic Chemistry** graduate with robust experience in quality control and laboratory analysis. Proficient in XRF analysis, HPLC and GC instrumentation, and UV-Vis spectrophotometry. Demonstrated ability to perform raw material testing and maintain high standards of product quality. Strong analytical skills, effective time management, and a collaborative team player seeking to contribute to a forward-thinking company.

## EXPERIENCE

### Qc Executive

#### Walplast Product Pvt Ltd

03/2024 - Present Ankleswar

A leading manufacturer of high-quality gypsum-based construction products, specializing in innovative and sustainable solutions for the building industry.

- Conducted rigorous quality control tests on raw materials, in-process samples, and finished products
- Followed safety protocols and contributed to safety procedure development.
- Collaborated with production, R&D, and QA teams to resolve quality issues.
- Collaborated with production teams to implement quality improvements.
- Proficiency in QC testing and laboratory techniques.
- Data analysis and reporting & SAP Software.
- Maintained ISO quality standards.
- Improved overall product quality through effective problem resolution.

### Jr. Chemist (Apprenticeship)

#### Saurashtra Cement Ltd

01/2023 - 01/2024 Sidheegram

Conducted XRF analysis to ensure quality control of raw materials like limestone, gypsum, fly ash, liquid waste and coal.

- We performed X-ray fluorescence Spectrometry to test the concentration and purity of samples.
- Performed routine tests and analysis to monitor product quality and adherence to industry standards.
- Maintained detailed records of analysis, ensuring compliance with cGMP standards.
- Assisted in maintaining and calibrating laboratory equipment to ensure accuracy in test results.

## STRENGTHS

Problem Solving

Adaptability

Ability to work under pressure

Teamwork

## TECHNICAL SKILLS/ INSTRUMENTATION

Analytical Chemistry

XRF Analysis

Data Analysis

GCV

Defect Identification

Computer Skill

Process Improvement

Quality Control

SAP

Quality Assurance

## ACTIVITIES/HOBBIES

Playing Cricket

Playing Chess

Listening Music

Reading Book

## EDUCATION

### M.sc- Organic Chemistry

Dr. Subhash University

06/2022 - 04/2024 Junagadh

GPA  
8.99 / 10

- Competence in handling laboratory equipment, maintaining lab safety, and following standard operating procedures (SOPs).
- Expertise in titrations, pH measurements, and various quantitative and qualitative analysis methods.
- Hands-on experience with HPLC, GC, and TLC for separation and analysis of mixtures.

### B.sc- Chemistry

Bhakta Kavi Narsinh Mehta University

06/2019 - 04/2022 Porbandar

GPA  
7.42 / 10

- Practical experience in handling laboratory equipment and conducting experiments.
- Basic understanding of chromatography techniques, including TLC and column chromatography for separation and purification of compounds.
- Exposure to industrial processes and applications of chemistry during internships or industrial visits.