

NAZILLA AYUNISA

QC / QA Analyst | Chemistry Graduate | Laboratory Testing & Quality Control

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PROFILE

Chemistry graduate from Universitas Diponegoro with a GPA of 3.73/4.00 and experience in laboratory testing, quality analysis, and data processing and validation. Familiar with Good Laboratory Practices (GLP), occupational health and safety (K3), wastewater quality testing, and the use and calibration of laboratory instruments such as UV-Vis Spectrophotometer. Gained experience through laboratory activities, research, and internship in sample preparation, analytical testing, data interpretation, and report preparation. Detail-oriented with good analytical skills and interested in pursuing a career as a QC Analyst, QA Analyst, Laboratory Analyst, or Quality Control Staff.

EDUCATION

Bachelor of Chemistry | Universitas Diponegoro, Semarang

Agustus 2022 – Juni 2026

GPA: 3,73 / 4,00

Thesis: Synthesis of CuO/ γ -Al₂O₃ Composite with Various Molar Ratios and Stearic Acid Addition for Methylene Blue (MB) Photodegradation

- Synthesized composites for Methylene Blue photodegradation testing.
- Characterized materials using XRD, FTIR, and UV-Vis DRS.
- Processed and interpreted research data for scientific reports.
- Documented research procedures and results in scientific reports.

WORK EXPERIENCE

Physical Chemistry Laboratory Assistant | Universitas Diponegoro

February 2026 – June 2026

- Assisted in conducting Vitamin C degradation kinetics laboratory sessions, including demonstrating the use and calibration of UV-Vis Spectrophotometer.
- Monitored testing variables such as temperature, time, and concentration to support consistent laboratory activities.
- Checked and evaluated spectrophotometric testing data collected by students.
- Ensured laboratory sessions followed laboratory procedures, Good Laboratory Practices (GLP), and occupational health and safety (K3) protocols.

Laboratory Intern | PPSDM Migas Cepu

January 2025

- Assisted in wastewater quality testing based on COD, ammonia, phenol, sulfide, and pH parameters.
- Supported analysis to evaluate the compliance of test results with the quality standards used in laboratory activities.
- Assisted in evaluating activated carbon adsorption and aeration methods for wastewater treatment.
- Processed, documented, and systematically organized testing data and results.

Asisten Laboratorium Kimia Dasar 1 | Universitas Diponegoro

August 2024 – December 2024

- Assisted and guided approximately 50 students during laboratory sessions in applying basic laboratory techniques.
- Ensured laboratory sessions followed work procedures and laboratory safety protocols.
- Assisted in checking sample preparation procedures, including filtration and recrystallization.
- Supported qualitative functional group testing to help ensure the accuracy of laboratory procedures.

ORGANIZATIONAL EXPERIENCE

Staff Divisi Seniora (Seni & Olahraga) | Himpunan Mahasiswa Kimia (HMK)

February 2024 – December 2024

- Coordinated division activities and operations to support the implementation of work programs according to schedule.
- Reviewed publication materials before publishing to ensure information accuracy and compliance with established guideline

Staff Ahli Badan Legislatif & Media | Senat Mahasiswa FSM

January 2023 – January 2024

- Assisted in evaluating the implementation of organizational work programs based on applicable procedures and regulations.
- Prepared, reviewed, and systematically archived organizational documents
- Reviewed publication materials to ensure information accuracy before publication.

TECHNICAL & PROFESSIONAL SKILLS

Laboratory testing & Analytical Skills

- Analytical testing
- Water quality testing
- Sampel preparation
- Spectrophotometric analysis
- Data recording & technical reporting
- XRD, FTIR, and UV-Vis DRS data interpretation
- Data validation

Praktik Laboratorium

- Good Laboratory Practices (GLP)
- Laboratory SOP & K3 compliance
- *Quality control support*

Software

- Microsoft word
- Microsoft PowerPoint
- Microsoft excel (Basic formula, *shorting & Filtering*, & analytical chart creation)