

AZKIYA NAURA ZAHRA

Chemistry | Quality Control

Bandung, West Java | azkiyanz123@gmail.com | +62-89630839696 | linkedin.com/in/azkiyanaurazahra

SUMMARY

Fresh Graduate in Chemistry with experience in laboratory analysis, quality control, and experimental research through undergraduate research and industrial laboratory internships. Experienced in analytical testing, pharmaceutical in-process control, sampling, data analysis, laboratory documentation, and SOP-compliant laboratory procedures. Interested in Quality Control and Laboratory Analysis within the pharmaceutical industry.

PROFESSIONAL EXPERIENCE AND PROJECTS

Undergraduate Thesis Researcher

Universitas Padjadjaran | Bandung, West Java

October 2025 – July 2026

- Designed and conducted experiments to optimize multiplex PCR conditions using Response Surface Methodology (RSM) and Box-Behnken Design (BBD).
- Evaluated experimental results and PCR performance through statistical analysis using Minitab to determine optimal conditions.
- Performed PCR troubleshooting, analyzed amplification results using agarose gel electrophoresis and ImageJ, and documented experimental procedures and results.

Program Kreativitas Mahasiswa (PKM) Team Leader

Universitas Padjadjaran | Sumedang, West Java

January 2025 – July 2025

- Led a student research project by coordinating research planning, task allocation, team collaboration, and project progress to support research objectives and proposal development.
- Successfully passed the internal university selection and submitted the research proposal through the SIMBELMAWA platform.

Chemistry Laboratory Intern

Collins Aerospace | Bandung, West Java

January 2025 – February 2025

- Performed quality control analysis of electroplating solutions using titrimetric analysis, AAS, and UV-Vis spectrophotometry.
- Conducted routine sampling and analysis, including pH and conductivity measurements, to monitor electroplating and wastewater treatment (WWT) laboratory processes.
- Prepared samples and documented analytical results in accordance with established SOPs and laboratory procedures.

In-Process Control (IPC) Intern

Meprofarm | Bandung, West Java

October 2021 – December 2021

- Performed in-process quality checks for pharmaceutical products, including tablet hardness, disintegration time, and density testing.
- Conducted packaging inspections covering labeling, appearance, seal integrity, and compliance with established requirements.
- Recorded and organized IPC results to support production quality monitoring and accurate documentation.

ORGANIZATIONAL AND EVENT EXPERIENCE

Public Relations Staff

Chemistry Fun Days | Universitas Padjadjaran

February 2023 – July 2024

Human Resource Development Staff

Himaka FMIPA | Universitas Padjadjaran

January 2023 – December 2023

EDUCATION

Bachelor of Science in Chemistry

Universitas Padjadjaran | GPA: 3.77/4.00

August 2022 – August 2026

Vocational High School Diploma in Industrial Pharmacy

SMK Negeri 7 Bandung | Final Grade: 86.7/100

July 2019 – June 2022

SKILLS

Technical Skills: Quality Control, Laboratory Analysis, Analytical Testing, In-Process Control (IPC), Sampling, Laboratory Documentation, SOP Compliance, AAS, UV-Vis Spectrophotometry, Titrimetric Analysis, PCR, Agarose Gel Electrophoresis, Molecular Biology, Minitab, ImageJ.

Soft Skills: Analytical Thinking, Problem-Solving, Attention to Detail, Teamwork, Communication, Adaptability.

CERTIFICATIONS

- Pharmaceutical Industry — BNSP Competency Certification (*Expired*)
- K3 (Chemical Laboratory Health and Safety) Certificate — FMIPA Universitas Padjadjaran