

RARA RAHMADANI

Bekasi, West Java/ 08975206140/ rararahmadanii28@gmail.com / LinkedIn : Rara Rahmadani

SUMMARY

Bachelor of Chemistry graduate from Andalas University with a research focus in Analytical Chemistry. Experienced in laboratory research, analytical data processing, and the operation of chemical instrumentation including UV-Vis and AAS. With my internship experience as a Laboratory Analyst at Balai Standardisasi dan Pelayanan Jasa Industri (BSPJI) in an instrumentation laboratory, where I analyzed industrial samples, including food products, beverages, and wastewater. With my academic and laboratory experience, I have a strong interest in R&D Analytical Development and am committed to contributing to analytical development, verification, and testing validation in the chemical, cosmetics and pharmaceutical industries.

EDUCATION

Andalas University - Padang, Indonesia

Jul 2020 - Jul 2024

Bachelor of Chemistry, GPA: 3.66/4.00

Thesis : Determination of Heavy Metal Levels Pb, Zn, and Cd in Several Brands of Hair Dyes using Atomic Absorption Spectrophotometry.

WORKING EXPERIENCES

Private Tutor - Bekasi, Indonesia

Basic Science and Mathematics for Elementary School

Jun 2025 - Present

- Private tutoring for basic science and mathematics for grades 2 and 5 of elementary school.
- Designing effective learning to improve the understanding of basic science and mathematics material.

Central Laboratory Andalas University - Padang, Indonesia

Basic Chemistry Laboratory Assistant I and II

Sep 2023 - Jun 2025

- Delivered practicum materials with comprehensive theoretical explanations for each practicum module.
- Assisted students directly during laboratory sessions and ensured the implementation of laboratory safety and health standards (OHS).
- Reviewed, revised, and evaluated student laboratory reports, providing detailed feedback to enhance understanding and application of practicum modules.

Balai Standardisasi dan Pelayanan Jasa Industri (BSPJI) - Padang, Indonesia

Laboratory Instrument Analyst Intern

Jan 2023 - Feb 2023

- Assisted in the analysis of industrial samples, including food products, beverages, wastewater, and other materials.
- Conducted identification, operation, and routine maintenance of laboratory instruments such as Atomic Absorption Spectrophotometry (AAS) and UV-Visible Spectrophotometry (UV-Vis).
- Documented testing results and prepared laboratory analysis reports.

ORGANIZATION EXPERIENCES

LK XVI Andalas University

Sep 2023 - Oct 2023

Member of the Fund and Business

- Planned and executed fundraising activities.
- Established collaboration with external parties (sponsors) to obtain financial or material support.

Chemistry Student Association (HIMKA)**Feb 2023 - Nov 2023****Secretary, Religious Affairs Division**

- Responsible for managing all financial aspects of religious activities.
- Prepared budget plans, recorded financial transactions, and compiled accountability reports for each activity.

Lkmmtd Fmipa Andalas University**Oct 2021****Secretary, Consumption Division**

- Prepared consumption budget plans according to event requirements and coordinated with related divisions.
- Managing and monitoring consumption related funds to ensure expenditures remain within the allocated budget.

ADDITIONAL INFORMATION

SOFT SKILLS

- Teamwork
- Decision Making
- Analytical Thinking
- Data Analysis
- Time Management
- Communication
- Adaptability

HARD SKILLS

- Chemical instrument analysis (UV-Vis and AAS)
- Scientific report writing and academic publication
- Research data processing (Origin)
- Microsoft Office (Word, Excel, PowerPoint)

LANGUAGE SKILLS

- Indonesian (Proficient)
- English (Beginner)

TRAINING

- Quality Control Senior Supervisor