

Rahmawati Sulistya

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PROFILE

I am a graduate with a bachelor's degree in chemistry from Universitas Gadjah Mada, with experience as a Chemical Analyst and Research and Development. I possess a deep understanding of chemical principles and can operate various laboratory analytical instruments. I am highly motivated to learn and adapt quickly, and I can work both in teams and independently. I am open to working as a Chemical Analyst, Quality Control, Quality Assurance, or Research and Development.

WORK AND INTERNSHIP EXPERIENCES

PT Amerta Indah Otsuka (Sukabumi)

December 2025 – June 2026

Chemical Analyst Intern

- Performed physical and chemical analyses of existing raw materials, new raw materials, and water
- Conducted sampling of raw materials and water
- Operated analytical instruments such as pH meter, conductivity meter, UV-Vis spectrophotometer, ion chromatography, polarimeter, refractometer, and moisture analyzer
- Conducted verification of instruments such as analytical balance, pH meter, and conductometer
- Performed 5 verification methods for raw material analysis
- Managed retained samples of raw materials based on lot numbers
- Monitored reagents using an online system to ensure usage quantities are tracked and expiration dates are not missed
- Collected and compiled the results of data analysis to report to superiors

FMIPA – UGM (Sleman)

August – November 2024

Laboratory Assistant of Organic Chemistry II

- Supervised 63 practitioners to conduct the "Qualitative and Quantitative Analysis of Vitamin C using HPLC" experiment
- Explained the principle of HPLC analysis and how it works
- Explained and supervised the implementation of laboratory occupational health and safety
- Evaluated the results of pre-tests, practical reports, and post-tests

PRTRRB – BRIN (Tangerang Selatan)

February – May 2023

Research Assistant Intern

- Conducted a method optimization project for testing the purity of EDTMP radiochemical kits using chromatography and spectrophotometry methods
- Operated pH meter, TLC scanner, ATR-IR, HPLC, and dose calibrator
- Processed data from TLC scanner readings and ATR-IR measurements
- Prepared reagent solutions for research purposes

PT. Aimskincare Manufacturing Indonesia (Bekasi)

November 2019 – May 2020

Research and Development Staff

- Conducted trials of decorative cosmetic formulations (lip cream, foundation) and oral care products (mouthwash, toothpaste)
- Responsible for checking the stability of decorative cosmetic products (lip cream)
- Operated the viscometer

Services Laboratory SEAMEO BIOTROP (Bogor)

January – April 2019

Chemical Analyst Intern

- Performed physical and chemical analysis of water and air quality using conventional methods (gravimetry and volumetry) and instrumental methods (spectrophotometry and conductometry)
- Verified the Chemical Oxygen Demand (COD) testing method for wastewater using a visible spectrophotometer
- Operated pH meters and Uv-Vis spectrophotometer

SKILLS

- Laboratory analysis instruments (HPLC, GC, FTIR, AAS, and Uv-Vis spectrophotometer)
- Analysis using gravimetric, volumetric, electrochemical, and proximate methods
- Software: MS Office (Word, Excel, PowerPoint), Google Workspace, ChemDraw, Mnova, AutoDockTools

EDUCATION

Universitas Gadjah Mada

2020 – 2025

***Bachelor of Science in Chemistry* | GPA 3.30/4.00**

- Thesis: Synthesis and Molecular Docking of Curcumin Analogue from 2-Hydroxybenzaldehyde with 1-Methyl-4-piperidone and Its Cytotoxic Activity Against T47D Breast Cancer Cell
- Participated in type B Laboratory Management Training covering first aid in the laboratory, handling of chemical materials and waste, fire hazard management practices, measuring instrument operations, preparation techniques, and risk analysis in the laboratory.

SMK - SMAK Bogor

2015 – 2019

***Analytical Chemistry* | GPA 86/100**

- Certified Chemical Analyst Level III (All-round Laboratory Technician) by Vapro
- Activities: Pasukan Khusus, Pramuka, Persatuan Pelajar

ONLINE TRAINING CERTIFICATES

- CPKB and CPOB by Teman Group Indonesia
- Good Laboratory Practice (GLP) by DDSAZ Lab Academy
- Good Manufacturing Practices (GMP) by Makin Ahli
- Awareness SNI ISO 17025:2017 by DDSAZ Lab Academy
- HPLC Analysis for Beginners by LabMania Indonesia
- Basic Instrument UV-Vis Spectrophotometry by Teman Group Indonesia
- Chromatogram Reading Techniques (HPLC, GC, AAS, Uv-Vis) by Teman Group Indonesia
- Validation and Verification of Chemical Testing Methods by Teman Group Indonesia
- Analytical Development in Pharmacy Industry by Teman Group Indonesia
- Food Safety System Certification (FSSC) 22000 version 6.0 by Makin Ahli
- Hazard Analysis and Critical Control Point (HACCP) by Makin Ahli
- Awareness ISO 22000:2018 (Food Safety Management System) by Makin Ahli