

Mifta Hurahmi

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EXECUTIVE SUMMARY

Chemistry graduate from Universitas Negeri Padang with experience as a Laboratory Assistant and Laboratory Analyst Intern at PT SUCOFINDO. Experienced in sample preparation, physicochemical water testing, and operating AAS, UV-Vis spectrophotometer, and turbidity meter. Knowledgeable in GLP, SOP compliance, laboratory safety, chemical waste management, and laboratory documentation. Seeking an entry-level opportunity in laboratory analysis, QA/QC, or research and development.

EDUCATION

Universitas Negeri Padang

Aug 2022 – Aug 2026

Bachelor of Science in Chemistry, GPA: 3.41 / 4.00

- **Thesis Title:** Optimization of Gelatin Extraction Conditions from Chicken Skin (*Gallus gallus domesticus*) Using a Water Bath Method with Response Surface Methodology (RSM)
- **Relevant Coursework:** Inorganic Chemistry, Analytical Chemistry, Organic Chemistry, Instrumental Analysis, Industrial Chemistry, Materials Chemistry, Laboratory Management, and Laboratory Safety.

WORK EXPERIENCE

Universitas Negeri Padang

Laboratory Assistant

Sept 2024 – June 2026

- Supported practical activities across five chemistry laboratory courses and supervised approximately 70 students.
- Prepared samples, chemical reagents, standard solutions, equipment, and experimental setups for laboratory sessions.
- Guided students in analytical techniques, experimental procedures, and proper laboratory equipment operation.
- Reviewed experimental results and laboratory reports while ensuring compliance with GLP, SOPs, safety procedures, and chemical waste management

PT SUCOFINDO (Persero) Padang

Laboratory Analyst Intern

Jul 2025 – Aug 2025

- Conducted physicochemical testing of clean water, domestic wastewater, and WWTP samples in compliance with laboratory SOPs.
- Analyzed 15 water-quality parameters, including COD, pH, turbidity, TSS, TDS, DO, nitrate, nitrite, ammonia, phenol, cadmium, and other chemical parameters.
- Prepared samples, reagents, standard solutions, and dilutions; performed phenate spectrophotometric analysis and operated AAS, UV-Vis spectrophotometer, and turbidity meter.

ORGANIZATION

Student Executive Board of Universitas Negeri Padang (BEM KM UNP)

Jun 2024-Jun 2025

Cadre Development Coordinator, Ministry of Student Resource Development (PSDM)

- Coordinated four student development programs engaging approximately 800 participants.
- Managed activity schedules, task distribution, and internal team communication.
- Supported program implementation and evaluation to improve students' soft skills and leadership development.

National BEM Debate Competition, Universitas Negeri Padang

Nov 2024

Sponsorship Committee Member

- Researched and approached potential sponsors based on the event's objectives and funding needs.
- Prepared sponsorship proposals, followed up with prospective partners, and coordinated the fulfillment of sponsorship agreements.

SKILLS

Language: Bahasa Indonesia (Native), English (EPT Score 493)

Instrumentation: Experienced in operating UV-Visible Spectrophotometer, Atomic Absorption Spectroscopy (AAS), and Turbidity Meter. Familiar with Fourier Transform Infrared Spectroscopy (FTIR), Gas Chromatography-Flame Ionization Detection (GC-FID), SDS-PAGE and High Performance Liquid Chromatography (HPLC)

Laboratory Techniques: Volumetric Analysis, Gravimetric Analysis, Sample Preparation, Solution Preparation, Dilution, Titration, Extraction, and Water-Quality Testing.

Laboratory Practices: Good Laboratory Practice (GLP), Laboratory Safety, Chemical Handling

Software: Volumetric Analysis, Gravimetric Analysis, Sample Preparation, Solution Preparation, Dilution, Titration, Extraction, and Water-Quality Testing.

Soft Skills: Critical Thinking, Analytical Thinking, Attention to Detail, Problem-Solving, Time Management, Teamwork, Communication, and Research Skills.

Mini Project: Comparative Effects of Acetic Acid and Bilimbi (*Averrhoa bilimbi* L.) Extract on the Extraction and Characteristics of Chicken Skin Gelatin (Published in a SINTA 4 - indexed journal) ([SINTA 4](#))