

Putri Kurnia

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Kec.Gondanglegi Kab.Malang

Chemistry graduate with a strong background in Analytical Chemistry, Instrumental Analysis, and Biochemistry. Experienced in analytical method development and validation using HPLC and AAS through internships in laboratory and analytical instrumentation companies. Skilled in chromatography, spectrophotometry, laboratory data analysis, and scientific reporting. Familiar with ISO 17025 standards, laboratory safety procedures, and analytical troubleshooting. Seeking opportunities in Quality Control (QC), Laboratory Analyst, or Research & Development (R&D) positions.

EDUCATION

Universitas Negeri Malang

August 2021 – August 2025

Bachelor of Chemistry

GPA: 3,62/ 4,00

- Relevant courses: Biochemistry, Structure and Function of Biomolecules, Analytical Chemistry, Instrumental Analytical Chemistry, Applications of Analytical Chemistry, Organic Structure Determination, Laboratory Management, Environmental Chemistry.
- Thesis: Optimization of production and characterization of keratinase from bacterial isolates MSF6 and MSF11.
- Recipient of thesis research funding from LP2M, State Universitas Negeri Malang.

EXPERIENCE

PT Integrasi Lab Indonesia

Research and Development - Maganghub Kemnaker Batch 2 2025

November 2025 – Mei 2026

- Successfully conducted the development and validation of analytical methods for the determination of enrofloxacin using HPLC and nickel (Ni) using AAS, in accordance with established regulatory and scientific standards.
- Conducted literature reviews and implemented analytical methods based on international standards such as AOAC, USP, EPA, ASTM, and ISO
- Conduct trial tests on new, complex sample matrices to ensure compatibility with existing methods.

Laboratory Assistant

Biochemistry

February 2025 – Mei 2025

- Ensure all chemicals, reagents, and laboratory equipment are available, clean, and functioning properly.
- Led and supervised a class of 28 students during laboratory sessions, ensuring 100% compliance with safety protocols and zero-accident workspace.
- Review and grade student lab reports. Provide pre-tests to ensure understanding before lab work begins.

PT Wiralab Analitika Solusindo

Application and Marketing Support - Internship

August 2024 – December 2024

- Studied chromatography instruments (High Performance Liquid Chromatography, Ion Chromatography, Gas Chromatography, Inductively Coupled Plasma), from working principles to troubleshooting.
- Develop public speaking, communication, and problem-solving skills through regular presentations and the development of analytical procedures.
- Contribute to writing articles for the website and assist in organizing webinars and seminars.

Laboratory Assistant

Descriptive organic chemistry

January 2024 – Mei 2024

- Ensure all chemicals, reagents, and laboratory equipment are available, clean, and functioning properly.
- Led and supervised a class of 27 students during laboratory sessions, ensuring 100% compliance with safety protocols and zero-accident workspace.
- Review and grade student lab reports. Provide pre-tests to ensure understanding before lab work begins.

CERTIFICATION

- Introduction of High Resolution Mass Spectrometry (HRMS), Integrasi Institute, WAS/0226/INT045/043, 2026
- Best Practices in Gas Chromatography Column Selection and Care, Integrasi Institute, WAS/5025/INT044/014, 2025
- Maintenance & Calibration of UV-Vis Spectrophotometer Training with Live Demo, Integrasi Institute, NO : ILI/4925/INT042/015, 2025
- Awareness ISO 17025:2017, Integrasi Institute, Nomor:ILI/4824/INT003, 2024
- Principle of Gas Chromatography (GC) and Live Demo, Integrasi Institute, Nomor:ILI/4824/INT002, 2024
- Introduction of Atomic Absorption Spectrophotometer (AAS) and Live Demo, Integrasi Institute, Nomor: ILI/4824/INT001, 2024
- English Proficiency Test Score Record, Universitas Negeri Malang Language Center, Nomor:18.9.6/UN32.33/KM/2025

ORGANIZATIONAL EXPERIENCE

Student Writers Association Universitas Negeri Malang

2022 – Mei 2024

- Develop written works in the form of fiction (short stories, novels), nonfiction (articles, essays), poetry, or other forms of writing.
- Managed the editorial timeline for collective projects, including book anthologies and newsletters, ensuring all content met publication deadlines.

SKILL

- **Language:** Bahasa Indonesia, English (*Pre Advanced*)
- **Software:** Microsoft Office, Google workspace, Chemdraw, Canva, Pymol, Chromeleon
- **Hard skills:** Qualitative and quantitative chemical analysis, Organic compound synthesis, Purification and characterization of compounds, Spectroscopic techniques (UV-Vis, AAS), Chromatography (HPLC, GC), Basic microbiology and enzymatic biochemistry, Titration and gravimetric techniques, Laboratory data processing, Scientific report writing and data interpretation Proficient in SDS-PAGE and Zymography for protein analysis.
- **Soft skills:** Leadership, public speaking, communication, Accuracy and attention to detail, Analytical and critical thinking, Problem-solving skills, Time management