



ANNUR KHAIRUN NISA

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Chemistry Graduate from Universitas Brawijaya with hands-on experience in laboratory testing, analytical chemistry, and research projects. Experienced in ASTM-based lubricant analysis, instrumental analysis (FTIR, AAS, UV-Vis, HPLC, GC-MS), data processing, and scientific report preparation. Strong interest in Quality Control, Laboratory Analysis, and ensuring product quality through laboratory testing, analytical methods, and compliance with quality standards.

EDUCATION

Universitas Brawijaya

September 2022 - January 2026

Bachelor of Science in Chemistry | GPA: 3.29/4.00

EXPERIENCE

Balai Besar Standardisasi dan Pelayanan Jasa Industri Bahan dan Barang Teknik

June 2025 - July 2025

Chemical Laboratory Intern

- Conducted lubricant quality testing based on ASTM standards, including TBN, HTHS, Noack Volatility, and AAS analysis.
- Assisted in sample preparation, instrument operation, laboratory documentation, and data analysis.
- Prepared testing reports and supported laboratory quality evaluation activities.

Department of Chemistry, Universitas Brawijaya

August 2025 - December 2025

Teaching Assistant – Biochemistry & Instrumentation Laboratory

- Assisted laboratory sessions and guided students in laboratory techniques and instrument operation.
- Prepared laboratory materials and supported practical assessments and report evaluations

RESEARCH & PROJECTS

Effect of Eco Enzyme Addition on the Reduction of Chlorpyrifos Residues
and Its Application on Tomatoes

July 2025 - December 2025

Undergraduate Thesis

- Conducted experimental research on chlorpyrifos residue reduction using eco enzyme treatment.
- Performed sample analysis, data interpretation, and scientific report preparation.

Clove Essential Oil Extraction and Mosquito Repellent Lotion Development Project

February 2025 - June 2025

Project Team Member

- Developed mosquito repellent lotion formulations using clove essential oil extracted through Soxhlet extraction.
- Performed FTIR characterization and evaluated product quality parameters.

LEADERSHIP & ORGANIZATIONAL EXPERIENCE

BEM FMIPA Universitas Brawijaya

February 2024 - December 2024

Director General of Student Economic Development

- Led entrepreneurship development programs and supervised ministry activities.
- Coordinated team performance evaluation and student business support initiatives.

Z-PRENEUR ECONOMIC EVENT 2024

July 2024 - November 2024

Event Division Coordinator

- Coordinated workshops and seminars while managing communication with internal and external stakeholders.
- Supported event planning and execution to ensure smooth operations.

CERTIFICATIONS

- Trust Training Partners November 2025
Microsoft Office Desktop Application (Score: 91.11)
- Institute for Data Innovation and Artificial Intelligence (IDEA-AI) November 2025
Generative Artificial Intelligence (Score: 100)

SKILLS

Analytical Chemistry • Laboratory Testing • Research & Development • FTIR • AAS • UV-Vis • HPLC • GC-MS •
ASTM Testing • Sample Preparation • Data Analysis • Microsoft Excel • Scientific Report Writing