

KHAIRUNNISA ITSNAINI ANWAR

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EXECUTIVE SUMMARY

Chemistry graduate from Universitas Negeri Malang with experience in laboratory testing and quality inspection. Currently working as a Management Trainee in Quality Inspection at PT LBM Energi Baru Indonesia, testing more than 30 raw-material and finished-product samples each day. Previously completed an internship in the Cosmetics Laboratory at BPOM, working with HPLC, UV-Vis, AAS, GC-FID, and GC-MS. Certified in Laboratory Management by BNSP.

EDUCATION

Universitas Negeri Malang - Malang, Indonesia

Aug 2022 - Jun 2026

Bachelor of Chemistry | GPA 3.55/4.00 [\[Ijazah\]](#)

Relevant Coursework: Instrumental Analytical Chemistry

Academic Laboratory Projects:

- Used Thin Layer Chromatography (TLC/KLT) to analyze curcumin during laboratory coursework.
- Used FTIR to analyze compounds in PET plastic.

Thesis: Computational Study of 1,2,4-Triazole and Their Derivatives as Corrosion Inhibitors for Copper in 1M HCl Solution.

WORK EXPERIENCE

PT LBM Energi Baru Indonesia – Kendal, Central Java

Jun – Sept 2026

Management Trainee in Quality Inspection

- Test 30+ raw-material and finished-product samples each day as part of routine quality inspection.
- Run pH, Particle Size Distribution (PSD), Tap Density, Resistivity, BET, Carbon & Sulfur, and Moisture testing.
- Carry out ICP and dissolved Fe testing for chemical analysis.
- Input completed test results into the laboratory database and LIMS.
- Follow up with the IPQC team when samples do not meet qualification criteria and need adjustment or re-testing.

Universitas Negeri Malang - Department of Chemistry – Malang, East Java

Jan 2026 - May 2026

Laboratory Assistant

- Supervised 30+ students during inorganic synthesis, chemical identification, and wet-lab practical sessions.
- Prepared reagents and standard solutions needed for laboratory practicals.
- Checked practical procedures, pre-tests, and student laboratory reports.

BPOM Jakarta – East Jakarta

Jun 2025 - Aug 2025

Assistant Analyst Intern - Cosmetics Laboratory

- Tested cosmetic and pharmaceutical samples using HPLC, UV-Vis Spectrophotometer, AAS, GC-FID, and GC-MS.
- Prepared samples, reagents, and analytical solutions before testing.
- Followed Good Laboratory Practice (GLP) and laboratory safety procedures during sample preparation and instrument use.
- Reviewed test results and helped prepare analytical reports with senior analysts.

Galaxy Shine Education – Surabaya, East Java

Jan 2024 - May 2026

Private Tutor

- Taught Chemistry, Science, and Mathematics for Cambridge, IB, and National curricula, from elementary to senior high school level.
- Prepared lesson materials and mock exams for regular learning and exam preparation.

CERTIFICATIONS

- Laboratory Management - Badan Nasional Sertifikasi Profesi (BNSP) [\[Certificate\]](#)
- English Proficiency Test (EPT) - Balai Bahasa dan Budaya UM [\[Certificate\]](#)

LEADERSHIP & ORGANIZATIONAL EXPERIENCE

Office of International Affairs UM (OIA UM) – Malang, East Java

Sep 2025 - May 2026

Student Buddy

- Helped international students with communication and administrative needs during study-abroad sessions, guest lectures, cultural exchange programs, and international events.
- Acted as a Public Relations liaison and handled communication with internal and external stakeholders.

Sobat Pustaka Perpustakaan UM – Malang, East Java

Jan 2025 - May 2025

Leader of Public Relations & Event

- Handled front-office communication and helped organize seminars, workshops, and literacy programs; also served as moderator and MC.

UKM IPRI (Ikatan Pecinta Retorika Indonesia) UM – Malang, East Java

Jan 2024 - Jan 2025

Staff - Broadcasting Division

- Helped with broadcasting activities, document and media archiving, event hosting, and training for new members.

SKILLS & LANGUAGES

Analytical Instrumentation: HPLC, GC-MS, GC-FID, FTIR, AAS, UV-Vis Spectrophotometer, ICP, Titrimetry.

Physical & Chemical Testing: pH, Particle Size Distribution (PSD), Tap Density, Resistivity, BET, Carbon & Sulfur, Moisture.

Laboratory & Quality: Quality Inspection, Raw Material Testing, Finished Product Testing, Good Laboratory Practice (GLP), Sample Preparation, Reagent Handling, Laboratory Safety, LIMS, Test Reporting.

Computational Chemistry: ChemDraw, AutoDock, BIOVIA, Gaussian.

Digital Tools: Microsoft Excel, Microsoft Word, Microsoft PowerPoint.

Languages: Fluent in Indonesian and English.