

JIHAN AMELIA PUTRI, S.SI

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Chemistry graduate from Andalas University with strong adaptability and a proactive learning mindset. Experienced in chemical analysis across diverse matrices, including mining materials, wastewater, and lubricants. Worked at PT Surveyor Indonesia as a chemical analyst and is proficient with analytical instruments, including UV-Vis, AAS, ICP-OES, and GC-MS/FID. Offers strong analytical skills, attention to detail, and the ability to work both independently and collaboratively.

EDUCATION

Universitas Andalas (Padang, Indonesia)

Bachelor of Science in Chemistry | GPA: 3.63/4.00

Aug 2021 – Jul 2025

- Developed competencies in organic chemistry, analytical chemistry, biomolecular analysis, chemical statistics, and chemical modeling, including laboratory testing, method validation, data interpretation, and Quality Assurance applications.
- Academic Achievements & Activities:**
 - Recipient of the Bank Indonesia Scholarship (2024) and Speaker at Novo Edu Talks 2024.
 - Recipient of the PKM-RE Research Grant 2024 for research on Syzygium aqueum leaf extract as a potential anti-breast cancer agent.

WORK EXPERIENCE

PT Surveyor Indonesia (Batam, Indonesia)

Chemical Analyst Intern – Ministry of Manpower (Kemnaker)

Dec 2025 – June 2026

- Analyzed of 50+ environmental water samples, including non-metal, oil & grease, and microbiological parameters.
- Performed heavy metal and organic compound analysis using ICP-OES and GC-MS/FID.
- Conducted Total Coliform and E. coli testing from media preparation to result interpretation.
- Assisted in ISO/IEC 17025:2017 internal audits for Environmental and Mineral & Coal laboratories.
- Applied GLP, QC procedures, laboratory documentation, and HSE standards in daily laboratory activities

Central Laboratory of Universitas Andalas (Padang, Indonesia)

Part-Time Laboratory Assistant

Aug 2024 – Aug 2025

- Assisted and supervised 20+ students in analytical chemistry and spectrophotometric laboratory practices.
- Supervised laboratory testing using UV-Vis Spectrophotometer, Turbidimeter, and AAS.
- Prepared and verified more than 20 laboratory reports per week accurately and on schedule.

PT Inotek (Batam, Indonesia)

Chemical Analyst Intern

Mar 2021 – Jun 2021

- Conducted chemical analysis of bauxite samples (LOI, moisture content, hygroscopic properties, and metal oxide content).
- Performed physical, chemical, and microbiological testing of air and water samples on more than 20 samples using a UV-Vis Spectrophotometer and AAS.
- Assisted in sample preparation, data recording, laboratory documentation, and Quality Control implementation

ORGANIZATIONAL EXPERIENCE

Generasi Baru Indonesia (GenBI) Universitas Andalas

Human Resource Development Staff

Jan 2024 – Jul 2025

- Managed member development programs through training, mentoring, and competency-building activities.
- Supported recruitment, selection, and membership administration processes to ensure effective management.

Student Executive Board (BEM KM) Universitas Andalas

Women Empowerment Division Staff

Jan 2023 – Jan 2024

- Participated in programs focusing on women's issues, child welfare, and community empowerment.
- Supported the management of student complaint and reporting platforms to improve service quality.

CERTIFICATIONS

- ISO 9001:2015 Quality Management System Training – PT. Surveyor Indonesia (2026)
- ISO 14001:2015 Quality Environmental Management Systems Training – PT. Surveyor Indonesia (2026)
- ISO 45001:2018 Occupational Health and Safety (OH&S) Management Systems Training – PT. Surveyor Indonesia (2026)
- SMK3 PP Tahun 2012 Safety (OH&S) Management Systems Training – PT. Surveyor Indonesia (2026)
- ISO 17025:2017 Laboratory Management System Training – Makin Ahli (2025)
- Good Laboratory Practice (GLP) Training – Makin Ahli (2025)
- Public Speaking Certification – BNSP (2024)
- Laboratory Testing Services Certification (Microbiological Analysis) – BNSP (2021–2026)
- Laboratory Testing Services Certification (Non-Instrumental Physical Analysis) – BNSP (2021–2026)
- Laboratory Testing Services Certification (Clinical Chemistry Analysis) – BNSP (2021–2026)

SKILLS

- Technical Skills:** Chemical Analysis, Quality Control (QC), Quality Assurance (QA), Laboratory Testing, Microbiological Analysis, Clinical Chemistry Analysis, Method Validation, Good Laboratory Practices (GLP)
- Tools & Instruments:** UV-Vis Spectrophotometer, Atomic Absorption Spectrophotometer (AAS), ICP-OES, GC-MS/FID, pH Meter, TDS, Titration Techniques, Microsoft Excel, Microsoft Word, Microsoft PowerPoint
- Soft Skills:** Analytical Thinking, Attention to Detail, Problem Solving, Teamwork, Time Management
- Languages:** Indonesian (Native), English (Intermediate)