

ENNO YULIAN

Jl. Padi No. 68 RT 03/09 Ciheuleut, Baranangsiang, Kota Bogor | ennoyulian27@gmail.com | 081381089008
linkedin.com/in/enno-yulian-79505125b

SUMMARY

Chemistry fresh graduate (Bachelor of Chemistry, Institut Teknologi Bandung) with hands-on analytical laboratory experience in method development, method verification, and quality control within manufacturing and research settings. Skilled in instrumental analysis using Gas Chromatography (GC), ICP-OES, Atomic Absorption Spectroscopy (AAS), and UV-Vis Spectrophotometry, with certified training in HPLC and a working knowledge of ISO/IEC 17025, GLP, and measurement uncertainty principles. Experienced in preparing analytical protocols, testing raw materials and in-process samples, and compiling structured laboratory reports. Detail-oriented, disciplined, and eager to apply and expand this foundation in a pharmaceutical Analytical Development / QC / R&D environment.

EDUCATION

Bachelor of Chemistry | Institut Teknologi Bandung

Aug 2022 - Aug 2026

- Concentration in analytical chemistry
- GPA 3.16/4.00

Analytical Chemistry | Bogor Vocational High School of Chemical Analyst (SMAKBO)

July 2018 - July 2022

- 33 subjects with a total score of 282.284 of 330

PROFESSIONAL EXPERIENCE

Research Assistant | Institut Teknologi Bandung

Aug 2026 - Present

- Developing and verifying an analytical method for glycidol detection using colorimetric and GC-MS approaches — directly applicable to analytical method development and method verification workflows.

Chemist Intern, Monomer Laboratory | PT Chandra Asri Pasific Tbk

Aug - Sept 2025

- Conducted a comparative method study of total Fe analysis using ICP-OES and UV-Vis Spectrophotometry, evaluating accuracy and precision in line with APHA Standard Methods — experience transferable to analytical method verification and validation protocols.
- Performed testing of raw materials (naphtha, pyrolysis gasoline) and in-process/finished gas samples (ethylene, propylene, butadiene) using Gas Chromatography with FID, NPD, and TCD detectors, in compliance with ASTM D2163.
- Supported quality control processes and data review within a regulated industrial laboratory, following documented testing protocols and standard procedures analogous to GLP practice.

Research Assistant Intern | Pusat Penelitian Kelapa Sawit

Jan - Apr 2022

- Compared Soxhlet extraction and maceration methods for oil recovery from spent bleaching earth (SBE), evaluating extract quality via iodine value, acid value, and peroxide value — early exposure to method comparison and validation thinking.
- Measured lead (Pb) concentration before and after an adsorption process using Atomic Absorption Spectroscopy (AAS), ensuring data accuracy and precision.
- Processed, analyzed, and compiled experimental results into structured laboratory reports and supporting documentation.

Chemistry Tutor | Team Edukasi Alumni UI

Sept 2025 - Present

- Delivered structured chemistry instruction and problem-solving sessions, reflecting strong attention to detail, discipline, and the ability to communicate technical concepts clearly.

CERTIFICATION AND TRAINING

- Chemical Analyst Level 3, BNSP — covering Gravimetric, Volumetric, Proximate, UV-Vis Spectrophotometry, Atomic Absorption Spectroscopy, Gas Chromatography, Sampling Techniques, and HPLC (2022-2025)
- SNI ISO/IEC 17025:2017 Awareness Training
- ISO/IEC Guide 98-3:2008 (ISO GUM) & EURACHEM/CITAC Guide CG4 2012 — Measurement Uncertainty Calculation and Evaluation in Testing

- All-round Laboratory Technician, VAPRO

TECHNICAL SKILLS

- Chromatography & Spectroscopy: Gas Chromatography (FID, TCD, NPD, MS), HPLC (certified training), ICP-OES, Atomic Absorption Spectroscopy (AAS), UV-Vis Spectrophotometry
- Classical Analytical Techniques: Gravimetry, Volumetric (Titrimetric) Analysis, Proximate Analysis
- Quality & Compliance: ISO/IEC 17025, ASTM, APHA standard methods, measurement uncertainty evaluation, GLP-aligned documentation practices
- Other: Analytical method development and verification, laboratory data review and reporting, instrument calibration and maintenance principles; quick learner on new platforms such as FTIR and Dissolution Testers

ORGANIZATION EXPERIENCE

Vice Minister of Human Resource Management | KM ITB 2024-2025

Aug 2024 - Jun 2025

- Managed HR data and records; designed and implemented an internship program; conducted performance monitoring and evaluation for board members.

Team Leader, Group 13 KKN ITB | Institut Teknologi Bandung

Jul - Nov 2024

- Led a community service team delivering an educational outreach program on solid, liquid, and organic pesticide fertilizers from agricultural waste.

Vice Head, Human Resource Division | Aku Masuk ITB 2024

Nov 2023 - Mar 2024

- Managed end-to-end recruitment of committee members (3,000+ applicants) and performance evaluation throughout the event.