

Fettyka Maharani Putri Ermawati, S.Farm.

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Description

Pharmacist fresh graduate from Universitas Indonesia with experience in pharmaceutical research, formulation trials, analytical testing, physicochemical characterization, and stability studies. Familiar with analytical method development, verification, validation, method transfer, and analytical data review under GMP/GLP practices. Knowledgeable in HPLC, UV-Vis, Dissolution Tester, FTIR, pH Meter, laboratory documentation, and pharmaceutical product development. Detail-oriented with strong analytical thinking, problem-solving, adaptability, and ability to work independently and collaboratively under pressure. Interested in pursuing a career in Analytical Development (Andev) within the pharmaceutical industry.

Education

Universitas Indonesia

Depok, West Java

Apothecary

2025-2026

- **GPA: 3.95/4.00**
- Professional rotations in the Pharmaceutical Industry at PT Kalbio Global Medika.
- **Related Coursework:** Pharmaceutical Analysis, Analytical Method Development, Method Verification & Validation, Analytical Method Transfer, Stability Studies, Qualification & Validation, Pharmaceutical Formulation & Development, CPOB/GMP, GLP, and Pharmaceutical Laboratory Documentation.

Universitas Indonesia

Depok, West Java

Bachelor of Pharmacy

2021-2025

- **GPA: 3.50/4.00**
- **Specialization:** Pharmaceutical Technology.
- **Related Coursework:** Pharmaceutical Analysis, Instrumental Analysis, Pharmaceutical Manufacturing Technology, Pharmaceutical Dosage Form Technology, and Pharmaceutical Product Evaluation.

Research Experience

Formulation of Tretinoin-Loaded NLC-Gel and Irritation Test Using the HET-CAM Method

Universitas Indonesia

Role: Principal Researcher

December 2024–May 2025

Developed and evaluated a tretinoin-loaded Nanostructured Lipid Carrier (NLC) gel as a topical drug delivery system to reduce tretinoin-induced irritation in the treatment of photoaging.

- Conducted 9 formulation trials and selected 4 formulations for optimization, analytical testing, and physicochemical characterization.
- Performed in-process, finished-product, and stability sample testing using HPLC, UV-Vis, FTIR, and pH Meter, including drug content, particle size, PDI, zeta potential, entrapment efficiency, pH, viscosity, and homogeneity evaluation.
- Conducted 6-cycle stability studies, analytical data evaluation, statistical analysis, and preparation of testing procedures, protocols, reports, and supporting documentation.

Work Experience

PT. Kalbio Global Medika

Bekasi, West Java

Quality Assurance Drug Substance - Apothecary Intern

March 2026–April 2026

Biopharmaceutical manufacturer specializing in sterile biological products, including monoclonal antibodies, erythropoietin, and insulin.

- Reviewed 20+ BMRs, logbooks, controlled documents, and analytical/quality data for completeness, accuracy, data integrity, and CPOB/GMP compliance.
- Supported 3 API batch releases and activities involving OOS/OOT, deviations, CAPA, change control, and environmental monitoring.
- Gained pharmaceutical-industry exposure to GMP laboratory practices, SOPs, analytical data review, documentation, and regulatory compliance.

Faculty of Pharmacy, Universitas Indonesia

Depok, West Java

Solid, Semisolid, and Liquid Dosage Technology Laboratory Assistant

January 2024–July 2024

Laboratory practicum covering the formulation and evaluation of solid, semisolid, and liquid dosage forms, including tablets, creams, gels, suppositories, ovules, syrups, emulsions, lotions, shampoos, oral drops, and cosmetic preparations.

- Supported 20+ pharmaceutical laboratory sessions involving sample preparation, formulation, analytical testing, and product evaluation using HPLC, UV-Vis, Dissolution Tester, FTIR, pH Meter, and related laboratory equipment.
- Supported instrument operation, calibration and maintenance, laboratory cleanliness and safety, GLP compliance, and proper laboratory documentation.
- Guided 50+ students in laboratory procedures and evaluated 50+ laboratory reports and experimental results.

Skills

- **Analytical Development:** Raw Material, In-Process, Finished Product & Stability Sample Testing; Analytical Method Development, Verification, Validation & Transfer; Stability Studies; Analytical Data Review.
- **Analytical Instruments:** HPLC, UV-Vis, Dissolution Tester, FTIR, pH Meter; Instrument Operation, Calibration & Maintenance; Sample Preparation.
- **Pharmaceutical Development:** Product Development, Formulation Trials, Formulation Optimization, Physicochemical Characterization, IPC.
- **Compliance & Documentation:** CPOB/GMP, GLP, SOP, Analytical Methods, Testing Protocols & Reports, Good Documentation Practices, Data Integrity.
- **Professional & Software:** Analytical Thinking, Attention to Detail, Problem-Solving, Independent & Teamwork, Willingness to Learn, Discipline, Adaptability, Ability to Work Under Pressure; GraphPad Prism, IBM SPSS, Microsoft Excel.
- **Language:** Bahasa Indonesia (Native); English (Professional Working Proficiency)