

CINTYA DEKA FEBILLA

Pharmacist | Pharmaceutical Analysis & Validation

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Registered Pharmacist and Andalas University graduate (GPA 3.99/4.00, Professional Pharmacist Program; 3.80/4.00, Bachelor of Pharmacy, Cum Laude) with exposure to analytical method development and hands-on experience in analytical method validation, quantitative chemical analysis, and instrument-based testing through pharmaceutical industry internship, laboratory practice, and undergraduate research. Familiar with HPLC, GC-MS, UV-Vis, and IR spectrophotometry, with exposure to dissolution testing through Biopharmaceutics and Pharmacokinetics coursework and practical sessions, as well as analytical method validation parameters including accuracy, precision, specificity, and linearity. Familiar with pharmacopoeial analysis, GLP, GDocP, CPOB/GMP, laboratory trials, literature review, reference and working standards, and analytical data verification. Detail-oriented and systematic, with strong laboratory documentation, problem-solving, and data interpretation skills.

Experience

PT Pharma Health Care (Combiphar Group) – East Cikarang, West Java

July 2025 – August 2025

Pharmacist Professional Internship (Validation Staff Intern)

- Reviewed and updated 23 validation documents, including Media Fill/APS, Process Validation, Cleaning Validation, Clean Holding Time Study, Analytical Method Validation, Transportation Mapping, and Computerized System Validation (CSV), in accordance with CPOB/GMP requirements.
- Assisted in analytical method validation report preparation, with exposure to key validation parameters including accuracy, precision, specificity, and linearity under validation team guidance.
- Assisted in preparing and collecting cleaning validation samples using swab and rinse methods, and supported pH, conductivity, TOC, and HPLC residue testing, including analytical data review and documentation.
- Received cross-functional induction across Production, QA, QC, QSC, PPIC, R&D, and Engineering, including exposure to analytical development activities within R&D.
- Assisted in drafting and editing validation protocols and reports under supervisor guidance and supported protocol execution through sampling observation and process parameter documentation based on established procedures and Batch Records.
- Performed compilation, reconciliation, and verification of analytical and validation data, ensuring completeness, accuracy, consistency, and traceability in coordination with QC and Production teams.
- Supported deviation investigations, remediation follow-up, and CAPA documentation related to validation activities under QA supervision, in accordance with GDocP.
- Completed QA training covering QRM, CAPA, RCA, audit, Change Control, Deviation, Product Complaint, Drug Registration, and BPOM Marketing Authorization (NIE).
- Received Grade A (86/100) from the Plant Manager for internship performance as Validation Staff.

Laboratory Assistant – Quantitative Pharmaceutical Chemistry Laboratory

March 2024 – July 2024

Part Time

- Supervised and guided 25 students across 8 quantitative pharmaceutical chemistry modules, conducting pre-practical briefings on analytical methods, testing procedures, instrument operation (including UV-Vis spectrophotometry), and laboratory safety in accordance with GLP and established laboratory procedures.
- Prepared samples, reagents, chemicals, and analytical instruments, and guided students in sample preparation, quantitative analytical testing, instrument operation, calculations, and result interpretation.
- Guided and supported pharmacopoeial analysis/testing during quantitative pharmaceutical chemistry practical sessions, including application of relevant pharmacopoeial procedures and acceptance criteria.
- Monitored testing activities and evaluated analytical data, calculations, and laboratory reports against established criteria to ensure accuracy, reliability, and procedural compliance.
- Monitored laboratory inventory and maintained organization using 5R/5S principles for chemicals, reagents, samples, and laboratory materials.
- Contributed to a 100% pass rate among 25 students in the final OSCE.

Undergraduate Researcher – Final Research Project

June 2024 – December 2024

Characterization and Antimicrobial Activity of Essential Oils from *Curcuma sumatrana* Miq.

- Conducted literature review to support research design, selection of analytical approaches, characterization methods, and antimicrobial testing.
- Developed the research proposal and execution plan, including identification of material and equipment requirements and study timeline.
- Conducted laboratory trials involving essential oil characterization and antimicrobial activity testing.
- Conducted physical characterization of essential oil, including solubility, specific gravity, and refractive index determination.

- Performed GC-MS characterization to identify chemical constituents of the essential oil.
- Performed essential oil extraction from *Curcuma sumatrana* Miq. using the hydrodistillation method.
- Conducted antimicrobial testing using diffusion and microdilution methods.
- Performed sample preparation, analytical testing, data processing, and result interpretation, with systematic documentation of experimental procedures and analytical results.

Laboratory Assistant – Pharmaceutical Microbiology Laboratory

September 2024 – December 2024

Part Time

- Supervised and guided 28 students across 8 pharmaceutical microbiology modules, conducting pre-practical briefings and ensuring compliance with laboratory procedures and GLP.
- Prepared microbiological media, reagents, and equipment, and guided students in aseptic techniques, inoculation, microbial isolation and identification, and antibiotic susceptibility testing.
- Trained students in the proper use of microscopes, autoclaves, and incubators according to operating procedures.
- Monitored aseptic practices, biosafety, microbiological procedures, and experimental results to support reliable test outcomes.
- Contributed to a 100% pass rate among 28 students in the final OSCE.

Education

Andalas University - Padang, West Sumatra

February 2025 – April 2026

Professional Pharmacist Program, 3.99/4.00

- Passed the Indonesian National Pharmacist Competency Examination (UKOMNAS PDPA) with a score of 83.

Andalas University - Padang, West Sumatra

August 2021 – January 2025

Bachelor of Pharmacy, 3.80/4.00

- Graduated Cum Laude and completed the Bachelor of Pharmacy program in 3.5 years.
- Relevant Coursework: Pharmaceutical Analysis; Biopharmaceutics and Pharmacokinetics (including dissolution testing/practicum); Physicochemical Analysis (practicum using IR spectrophotometry).
- Activities: Public Relations Staff, Pharmacy English Club (2024); Brain Division Staff, NSAID (2022–2023).

Professional Credentials

- **Registered Pharmacist (STRA)** — Indonesian Health Council, June 2026
- **Pharmacist Competency Certificate** — Indonesian Pharmacy Collegium, April 2026

Certifications & Training

- **Quality Assurance & Quality Control untuk Industri Farmasi** — IODA Academy, September 2026
- **Data Integrity & Computerized Systems Validation (CSV) in GxP Environment** — Jadi Praktisi, September 2026
- **Quality by Design (QbD) in Pharmaceutical Industry** — Jadi Praktisi, August 2026
- **Cara Pembuatan Obat yang Baik (CPOB/GMP)** — Makin Ahli, May 2026
- **Quality Assurance in Pharmaceutical Industry** — Makin Ahli, May 2026
- **Quality Assurance Document** — Latih, June 2026
- **Healthcare Regulatory Affairs (Medicines and Cosmetics) Based on BPOM Regulations** — IODA Academy, July 2026
- **Drug Registration in Practice: Strategy, Dossier Preparation & BPOM Submission** — Jadi Praktisi, August 2026

Skills & Languages

- **Technical Skills**
Analytical: Analytical Method Development, Analytical Method Validation, Dissolution Testing, Validation Parameters (Accuracy, Precision, Specificity, Linearity), HPLC, UV-Vis Spectrophotometry, IR Spectrophotometry, GC-MS, Quantitative Chemical Analysis, Physicochemical Analysis, Pharmaceutical Analysis, Analytical Testing, Laboratory Trials, Analytical Data Processing & Interpretation, Reference Standards, Working Standards, Pharmacopoeial Analysis
Quality & Compliance: GLP, GDocP, GMP/CPOB, Data Integrity, Validation Documentation, Analytical Method Validation, Cleaning Validation, Media Fill/APS, SOP Compliance, CAPA, Deviation Management, QRM
Documentation & Laboratory Operations: Laboratory Documentation, Validation Documentation, Batch Record Review, Data Verification & Reconciliation, Sample Preparation, Laboratory Inventory Management, 5R/5S, Microsoft Office
Microbiology: Microbiological Testing, Aseptic Technique, Microbial Isolation & Identification, Antimicrobial Assay, Diffusion & Microdilution Methods, Laboratory Equipment Handling, Laboratory Safety
- **Soft Skills:** Detail-Oriented, Analytical & Systematic Thinking, Problem Solving, Documentation Accuracy, Communication, Collaboration, Teamwork, Adaptability, Time Management, Fast Learner, Willing to Work on a Shift System
- **Language:** Indonesian (Native), English (Upper-Intermediate — Strong Technical Reading/Writing)