

RISCA MELIA WIDYANTI

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SUMMARY

Detail-oriented Pharmacy graduate with strong hands-on laboratory experience in raw material and finished product testing, physicochemical characterization, and analytical instrumentation (UV-Vis Spectrophotometry, PSA, Zeta Potential). Proven track record as a Research Assistant in microencapsulation formulation and quality evaluation, combined with academic leadership as an Assistant Lecturer managing multi-course laboratory compliance. Proficient in Good Laboratory Practice (GLP), Good Documentation Practice (GDP), and statistical data processing via SPSS and Excel. Eager to leverage strong analytical precision, data integrity, and regulatory awareness (CPOB/CPKB/CPPOB) as a dedicated Quality Control (QC) Analyst in the pharmaceutical, cosmetic, or food industries.

Bachelor of Pharmacy

2022 – 2026

Universitas Pakuan

GPA / IPK: 3.76 / 4.00

- Relevant coursework: Industrial Pharmacy (CPOB), Drug & Raw Material Analysis, Pharmaceutical Packaging Technology, Food Safety & Functional Food, Cosmetic Formulation & Regulatory, Pharmaceutical Microbiology, Research Methodology & Statistics.
- Thesis: Formula Optimization of Africa Leaf Extract (*Vernonia amygdalina* Del) Microencapsulation Based on Stirring Speed Variations.
- Academic achievement: Cumlaude, co-author journal Q2

WORK EXPERIENCE

Research Assistant (Microencapsulation Project) — Research Lab, FMIPA UNPAK

June 2025 – January 2026

Bogor, Jawa Barat · Project Based

- Executed comprehensive physicochemical and active compound testing on raw material (*Vernonia amygdalina*) and microencapsulated finished products, analyzing key parameters including yield, moisture content (Loss on Drying), zeta potential, particle size distribution (PSA), and total flavonoid content.
- Maintained strict Good Documentation Practices (GDP) and GLP compliance by recording accurate raw experimental data in laboratory logbooks before performing quantitative statistical analyses using SPSS.
- Prepared and delivered monthly analytical progress reports to the Lead Researcher, highlighting quality evaluation trends, batch consistency, and formula optimization metrics.

Assistant Lecturer — Universitas Pakuan

February 2026 – July 2026

Bogor, Jawa Barat · Part-time

- Supervised and evaluated laboratory operations across 4 core modules (Pharmacognosy, Physical Pharmacy, Clinical Pharmacy, and Clinical Pharmacokinetics), overseeing 80+ students.
- Audited and reviewed weekly student laboratory reports and journals to enforce compliance with standard experimental protocols and reporting criteria.
- Coordinated with laboratory technicians to verify instrument readiness, reagent specifications, and calibration status before each practical session.

ORGANIZATIONAL EXPERIENCE

Secretary Division — HIMA Farmasi

May 2024 – January 2025

- Drafted and standardized formal activity proposals and event budgets, collaborating closely with the Executive Secretary to ensure institutional alignment and swift administrative approvals.
- Liaised with the central executive board to ensure all departmental administrative procedures aligned with standard organizational guidelines.
- Authored and compiled comprehensive Accountability Reports (LPJ), ensuring complete evidence archival, budget reconciliation, and transparent documentskiation.

SKILLS

- Quality Control & Laboratory Analysis: Raw Material & Finished Product Testing, In-Process Control (IPC), Moisture Content Analysis (Loss on Drying), Physicochemical Characterization, Particle Size Analysis (PSA), Zeta Potential, UV-Vis Spectrophotometry, Extraction & Microencapsulation, Sample & Reagent Preparation.
- Regulatory Guidelines: CPOB, CPKB Principles (Basic), CPPOB / HACCP Awareness, Good Laboratory Practice (GLP), Good Documentation Practice (GDP).
- Software & Data Analysis: Monolix, SPSS, Microsoft Office (Excel, Word, PowerPoint).
- Languages: Indonesian (Native), English (Intermediate).