

DINE AYU WARDANI, S.Farm.

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PROFESSIONAL SUMMARY

Detail-oriented **Pharmacy Graduate (B.Pharm)** with a specialized focus in Pharmaceutical Technology and Quality Control. Demonstrated hands-on expertise in physical, chemical, and microbiological testing, raw material inspection, and formulation evaluation in strict compliance with **Good Manufacturing Practices (GMP/cGMP)** and **Good Documentation Practices (GDP)**. Skilled in operating analytical instruments including **UV-Vis Spectrophotometer**, **Dissolution Tester**, pH meters, and standard laboratory equipment. Proven ability to conduct quality evaluations, statistical data analysis, and cross-functional team collaboration through experience as an Analytical Chemistry Laboratory Assistant and Ministry-funded research project member.

CORE COMPETENCIES

• Analytical Instrumentation:	UV-Vis Spectrophotometry, Dissolution Tester, pH Meter, Analytical Balance, Moisture Analyzer
• Quality Control & Testing:	Raw Material & Finished Product Inspection, Physical/Chemical/Microbiological Testing, Sampling Protocols
• Compliance & Standards:	Good Manufacturing Practice (GMP/cGMP), Good Documentation Practice (GDP), Good Laboratory Practice (GLP)
• Lab & Quality Operations:	Reagent & Solution Preparation, Equipment Calibration & Verification, Out of Specification (OOS) Handling, Waste Management, EHS Compliance
• Technical & Soft Skills:	MS Excel, MS Word, Data Analysis, Analytical Thinking, Problem Solving, Cross-Functional Teamwork, Shift Flexibility

PRACTICAL & PROFESSIONAL EXPERIENCE

Analytical Chemistry Laboratory Assistant & Lab Officer <i>Gunadarma University – Depok, Indonesia</i>	Sep 2025 – Dec 2025
- Managed daily laboratory operations for multiple practical sessions daily, ensuring full compliance with GLP and GDP standards. - Prepared chemical reagents, volumetric standard solutions, and sample media for quantitative and qualitative chemical analyses. - Executed routine inspection, maintenance, and verification/calibration of analytical laboratory equipment to ensure proper functionality and zero instrument downtime. - Monitored laboratory safety, chemical waste disposal management, and 5S housekeeping following strict Environment, Health & Safety (EHS) regulations. - Guided students through experimental analytical chemistry techniques, demonstrating proper sampling, testing, and analytical procedures.	

RESEARCH & PROJECT EXPERIENCE

Undergraduate Thesis Researcher (Pharmaceutical Technology & QC) <i>Gunadarma University – Depok, Indonesia</i>	2024 – 2025
- Formulated and evaluated transdermal matrix patches incorporating Piper crocatum extract; conducted physical testing including thickness, moisture absorption (<10%), and folding endurance (>300 folds). - Performed plant extraction via ethanol 96% maceration (yield: 8.78%) and conducted raw material quality control testing (water content: 1.07%, ash content: 2.16%) in accordance with pharmacopeial standards. - Conducted qualitative phytochemical screening (alkaloids, flavonoids, tannins, saponins, steroids) and antibacterial activity testing against Staphylococcus aureus using Kirby-Bauer disk diffusion method. - Analyzed Critical Quality Attributes (CQAs) and resolved physical non-conformances (film stiffness vs. matrix strength) to optimize final formulation stability.	
Research Member – Student Creativity Program in Exact Research (PKM-RE) <i>Ministry of Education, Culture, Research, and Technology (Kemendikbudristek)</i>	2024
- Collaborated in a 5-member cross-functional team on research titled "Secondary Metabolites Production of Marigold (Tagetes erecta) as Coronary Heart Disease Chemopreventive Agent". - Executed extraction and quantitative chemical analysis using UV-Visible Spectrophotometry to evaluate active compounds across harvest ages and varieties. - Documented experimental procedures, calculated batch yield data, and prepared structured technical research reports adhering to strict GDP guidelines.	

ORGANIZATIONAL EXPERIENCE

Staff of Student Resource Development (PSDM) 2022 – 2024

Pharmacy Student Association (HIMAFARSI) Gunadarma University

- Coordinated resource planning, budget/consumption estimation, vendor negotiations, and execution for department events with up to 50+ participants.
- Led post-event evaluations, risk assessments, and documentation processes to drive continuous improvement in team workflows.

EDUCATION

Bachelor of Pharmacy (S.Farm.) 2021 – 2025

Gunadarma University – Depok, Indonesia | Major Concentration: Pharmaceutical Technology

Relevant Coursework: Pharmaceutical Analysis, Industrial Pharmacy, Instrumental Pharmacy Analysis (HPLC/GC/UV-Vis), Physical Pharmacy, Drug Stabilities, Quality Assurance & Control, Bio-pharmaceutics & Pharmacokinetics.

VOLUNTEERING & ADDITIONAL INFORMATION

- **Volunteer & Educator – Drug Campaign Indonesia (2022):** Provided pharmacy counseling and antimicrobial stewardship education during World Antimicrobial Awareness Week.
- **Languages:** Indonesian (Native), English (Professional Working Proficiency)
- **Work Availability:** Willing to work in shifts and flexible working hours as required by operational needs.