

PUTRI ARDIANI

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SUMMARY PROFILE

Fresh Graduate in Chemical Analysis from IPB University and BNSP-Certified Chemical Analyst with hands-on experience in pharmaceutical quality control, analytical testing, experimental trials, and technical documentation. Experienced in analyzing raw materials and finished products using HPLC, UV-Vis Spectrophotometer, FTIR, Dissolution Tester, Karl Fischer Titrator, and other laboratory instruments. Familiar with GMP, CPOB, QA/QC, analytical method validation, data integrity, and analytical result interpretation. Strong analytical thinking, attention to detail, and ability to work in a regulated pharmaceutical laboratory environment.

EDUCATION

IPB University - Bogor, West Java

Aug 2022 - Aug 2026

Bachelor of Applied Science in Chemistry Analysis. Cumulative GPA: 3.58/4.00. [\[Transcript\]](#)

- **Relevant Coursework:** Analysis of Product Pharamtion, Test Method Validation, Laboratorium Safety, and Industrial Quality Standardization System
- **Thesis Research:** “Comparison of Bioactive Compound Content and Antioxidant Activity of Mahalona Pepper Ethanolic Extracts Obtained Using Ultrasonic Assisted Extraction”
 - Conducted comparative analysis of bioactive compounds and antioxidant activity in ethanolic pepper extracts using Ultrasound-Assisted Extraction (UAE), UV-Vis spectrophotometry, and GC-MS, including experimental trials, quantitative analysis, and interpretation of analytical results.
- **Achievements [\[Certificate\]](#):**
 - Gold Medal Winner International Scientific Innovation and Research Competition (i-Sinergie) 2025 in Chemical and Food Technology – Politeknik Tun Syed Nasir Malaysia
 - Funding for Student Creativity Program in the Field of Application of Science and Technology in 2024 - Directorate General of Higher Education, Research and Technology
 - 1st Place Winner Essay Competition Webnation 2024 by KSM Batavia, Universitas Pembangunan Nasional Veteran Jakarta

WORK EXPERIENCES

PT Guardian Pharmatama

Jul 2025 – Nov 2025

Quality Control Intern

- Performed analytical testing of 15+ raw material and finished product samples weekly using HPLC, UV-Vis Spectrophotometer, FTIR, Dissolution Tester, Karl Fischer Titrator, pH Meter, and Autotitrator in accordance with GMP procedures.
- Reviewed and compared raw material Certificate of Analysis (COA) with established specifications and analytical results to support material quality evaluation and ensure compliance with quality requirements.
- Prepared laboratory reagents, supported analytical instrument verification, and recorded analytical results while maintaining GMP-compliant documentation, data integrity, and traceability.

PT Nature Chem Synergy

Nov 2025 – Aug 2026

Laboratory Analyst Intern

- Performed analytical testing on 10+ client samples weekly and prepared technical reports while ensuring compliance with laboratory procedures and documentation requirements.
- Operated UV-Vis Spectrophotometer and Ultrasound-Assisted Extraction (UAE) systems for sample preparation, extraction, and quantitative analysis following established laboratory procedures.
- Processed analytical data and prepared laboratory documentation and technical reports, ensuring accuracy, traceability, and compliance with laboratory quality requirements.

Teaching Assistant – Industrial Quality Standardization System

- Facilitated tutorial sessions for 30+ students on GMP, QA/QC, HACCP, ISO standards, SJPH, and the 7 Basic Quality Tools, supporting the understanding of industrial quality management systems.
- Evaluated assignments and case studies related to quality control, quality assurance, documentation, and compliance principles in manufacturing and laboratory environments.
- Developed strong knowledge of quality systems, root cause analysis, process improvement, and quality-focused problem solving relevant to regulated industries.

ORGANIZATIONAL EXPERIENCES

Student Executive Board (BEM SV IPB)

Dec 2023 – Nov 2024

Secretary of Business and Partnership Bureau

- Managed 50+ organizational documents including MoUs, proposals, and reports through a structured digital archiving system, ensuring document accuracy and accessibility.
- Facilitated 10+ partnerships and external collaborations with student organizations, communities, and public stakeholders to support organizational programs and initiatives.
- Supported business operations and financial documentation of BEMCo, contributing to the management of activities that generated an annual turnover of IDR 18M+.

UNIVERSITY PROJECTS

AkaSheep+ – Herbal Immunomodulator Development

Feb 2025 – Jun 2025

for Livestock - 6th semester

- Developed a herbal-based immunomodulator formulation using acacia bark and dried clove leaves.
- Conducted formulation trials and evaluated phenolic content, antioxidant activity, and antibacterial activity.
- Interpreted analytical results to support product evaluation.

SKILLS AND CERTIFICATIONS

Soft Skill: Communication, Analytical Thinking, Problem Solving, Negotiating, Attention to Detail, Teamwork, Leadership, Time Management, Adaptability, Coordination.

Technical Skills

- **Analytical Instruments:** HPLC, UV-Vis Spectrophotometer, FTIR, Dissolution Tester, Karl Fischer Titrator, Autotitrator, pH Meter, Ultrasound-Assisted Extraction (UAE)
- **Analytical Testing:** Assay/Quantitative Analysis, Dissolution Testing, Raw Material & Finished Product Analysis, Natural Product Characterization, Phenolic Content Analysis, Antioxidant & Antibacterial Assays
- **Analytical Development & Quality:** Analytical Method Validation, Experimental Trials, Analytical Result Interpretation, GMP, CPOB, QA/QC, ISO 17025, Data Integrity
- **Documentation:** Technical Reports, Laboratory Documentation, Analytical Records, Documentation Review.
- **Software:** Microsoft Office (Excel, Word, PowerPoint), IBM SPSS Statistic.

Certifications

- **BNSP Certified Chemical Analyst**, National Professional Certification Agency (BNSP), 2025. [\[Certificate\]](#)
- **Cara Pembuatan Kosmetik yang Baik (CPKB) dan Cara Pembuatan Obat yang baik (CPOB)**, Teman Group, 2026. [\[Certificate\]](#)
- **Good Hygiene Practices (GHP)**, Teman Group, 2026. [\[Certificate\]](#)

Language: Indonesian (Native); English (Full professional proficiency)