

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, laboratory research, and technical documentation. Experienced in analyzing raw materials and finished products using HPLC, UV-Vis Spectrophotometer, FTIR, Dissolution Tester, Karl Fischer Titrator, pH Meter, and other analytical instruments. Familiar with GMP, CPOB, QA/QC, analytical method validation, data integrity, and analytical result interpretation. Experienced in experimental trials, quantitative analysis, formulation evaluation, and technical reporting, with strong analytical thinking, attention to detail, and willingness to learn.

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:** Raw Material & Finished Product Analysis, Quantitative Analysis, Dissolution Testing, Natural Product Characterization, Phenolic Content Analysis, Antioxidant & Antibacterial Assays.
- **Analytical & Quality Systems:** Analytical Method Validation, Experimental Trials, Analytical Result Interpretation, GMP, GLP, CPOB, QA/QC, ISO 17025, Data Integrity.
- **Documentation:** Technical Reporting, Laboratory Documentation, Analytical Records, COA 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)