



ADISA PUTRI SALSABILA

+6285697951909 | bizwithadisa@gmail.com | linkedin.com/adisaputri

Research and Development laboratory professional with hands-on experience in formulation development, experimental trials, and analytical testing across industrial and research laboratory settings. Experienced in electrolyte optimization, Hull Cell evaluation, and applied physicochemical analysis using titrimetric methods, UV-Vis spectrophotometry, and HPLC. Strong in structured experimentation, data interpretation, and translating laboratory findings into actionable process and product improvement insights, with supporting experience in quality control testing and laboratory documentation.

Work Experiences

Fajarindo Faliman Zipper - Tangerang, Indonesia

Jul 2025 - Present

Research and Development & Quality Control Analyst

Zipper manufacturer

- Conducted ongoing electrolyte formulation optimization by adjusting chemical ratios and comparing multiple formulations to achieve uniform, matte plating, and reduce visual defects during production.
- Performed Hull Cell analysis to evaluate plating performance and support weekly R&D recommendations communicated to supervisors and production teams.
- Collaborated within a small R&D-QC team to translate experimental results into formulation adjustments, contributing to an estimated 45% reduction in plating defects.
- Supported chemical dosing adjustments during production usage to maintain stable electrolyte bath performance.
- Prepared trial reports and technical documentation to support R&D decision-making and quality monitoring.
- Conducted environmental and process water analysis using multiple parameters (e.g., COD, BOD, TSS, pH, TDS, conductivity, and heavy metals) to monitor compliance and support troubleshooting activities.

Camiloplas Jaya Makmur - Tangerang, Indonesia

Apr 2025 - Jul 2025

Quality Control (Incoming & Outgoing)

Food-grade plastic manufacturer

- Conducted incoming raw material and outgoing product inspection to ensure compliance with food-grade quality standards and specifications.
- Prepared and reviewed Certificates of Analysis (COA) to support product traceability and regulatory compliance.
- Recorded and analyzed quality deviations, contributing to early identification of recurring defects and supporting corrective actions to improve overall product consistency.

Chemistry Laboratory, IPB University - Bogor, Indonesia

Jan 2024 - Dec 2024

RnD Assistant

- Conducted extraction, standardization, and physicochemical characterization of herbal materials, including phytochemical screening and HPLC-based analysis to support research reproducibility.
- Supported formulation development (tablets and capsules) using standardized extracts, followed by bioactivity evaluation (antioxidant and enzyme-inhibitor assays).
- Analyzed experimental data and prepared technical reports, contributing to research conclusions and downstream formulation decisions.
- Contributed to the preparation of a peer-reviewed scientific publication, supporting data interpretation and documentation quality.

Tropical Biopharmaca Research Center - Bogor, Indonesia

Oct 2022 - Dec 2022

Laboratory Assistant

Natural biopharma research and development

- Collaborated with a multidisciplinary team to analyze 10+ samples of tropical plants, contributing to the discovery of bioactive compounds with pharmaceutical potential.
- Performed quality control assessments on 10+ samples, including raw materials and extracts, to ensure adherence to established research and laboratory standards.
- Ensured laboratory equipment compliance and operational readiness, consistently maintaining functionality to support uninterrupted research activities.

Badan Pengawas Pemilu - Tangerang, Indonesia

Oct 2023 - Mar 2024

Election Polling Station Supervisor

- Supervised one polling station serving ~200 voters, ensuring voting and ballot counting processes complied with electoral regulations and established SOPs.
- Coordinated with polling officers (KPPS) and election witnesses to maintain orderly procedures and clear communication throughout election day.
- Handled procedural issues on-site, including ballot validity assessments, and escalated campaign violations during the cooling-off period.

in accordance with reporting protocols.

- Prepared and submitted official supervisory reports accurately and on time, resulting in zero violations, no findings, and no report revisions.

Education

IPB University - Bogor, Indonesia

Aug 2023 - Aug 2025

Master of Science (Chemistry), 3.88/4.00

- Focused on advanced research in Natural Product Chemistry, covering bioactive compound testing, quantification, extraction techniques, analytical instrumentation (UV-Vis, HPLC), and quality assurance of simplicia.
- Co-author of a peer-reviewed article published in a Q1-ranked journal, entitled "Herbal Immunostimulants and Their Phytochemicals: Exploring Morinda citrifolia, Echinacea purpurea, and Phyllanthus niruri"

IPB University - Bogor, Indonesia

Aug 2019 - Jul 2023

Bachelor of Science (Chemistry), 3.90/4.00

- Developed a proposal on herbal medicine development, successfully securing research funding from the Indonesia Endowment Fund for Education (LPDP)
- Thesis Title: Screening of Compounds from Remek Daging and Kayu Kuning Plants as Immunosuppressant and Anti-inflammatory Agents through Ensemble Docking

Organizational Experience

Chemistry Career Day - Bogor, Indonesia

Nov 2021 - Feb 2022

Head of Secretariat Division

Career preparation event for IPB Chemistry graduates' professional success.

- Supervised a team of secretariat members, delegating tasks and ensuring timely completion of division objectives.
- Managed official correspondence, including drafting and distributing event-related documents.
- Organized and maintained archives for 150+ participant records efficiently.

G-Family 2021 - Bogor, Indonesia

Jan 2021 - Aug 2021

Secretary and Treasurer of the Multimedia Division

Orientation event for FMIPA IPB new students.

- Managed correspondence, documented key action points weekly meetings, and prepared necessary division-related documents.
- Oversaw and allocated the division's budget (IDR 7.5 million) and tracked cash flow.
- Developed and produced videos to promote events, ensuring content effectively highlighted key information and engaged target audiences across social media platforms.
- Facilitated clear communication between the division and external partners to align on deliverables and timelines.

Herbal Experts Indonesia - Indonesia

Jan 2022 - Oct 2022

Content Creator

Educational media promoting and discussing herbal products

- Conducted in-depth research on trending topics, gathering information from at least 5-7 credible sources per week to create engaging and informative content.
- Produced and optimized content, ensuring clarity, engagement, and alignment with brand voice, with an average of 15 posts per month.

Skills, Achievements & Other Experience

- **Certification** (2025): ISO 9001 Quality Management and Good Laboratory Practices (GLP)
- **Languages**: Indonesia (native), English (intermediate)
- **Software/program**: Microsoft Office (Word, Excel, PowerPoint), AutoDock, pyMOL, LigPlot+, SPSS, Orange, Adobe (Photoshop, Premiere)
- **Skills**: Formulation optimization, analytical testing, process evaluation, quality monitoring, data-driven reporting

MAKIN AHLI



CERTIFICATE

1093/AP-OP12/MA/XI-2025

This Certificate is Proudly Presented to

Adisa Putri Salsabila

Has successfully completed training

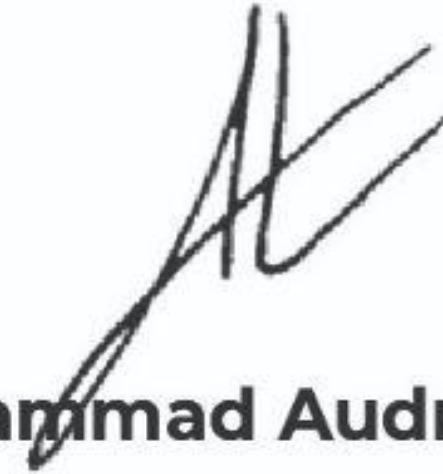
Good Laboratory Practice (GLP)

On November 08, 2025



Ariyani Wastika Mukti, S. Si

Head of Learning and Development


Muhammad Audrian, S.T

Trainer

www.makinahli.com

MAKIN AHLI



CERTIFICATE

1033/AP-0P11/MA/XI-2025

This Certificate is Proudly Presented to

Adisa Putri Salsabila, M.Si.

Has successfully completed training

ISO 17025:2017
(Laboratory Management System)

On November 08, 2025



Ariyani Wastika Mukti, S. Si

Head of Learning and Development


Muhammad Audrian, S.T

Trainer

www.makinahli.com