

apt. SISWINARA ADHIESTANYA IMANI, S.Farm.

Pharmacist | Quality Control | Analytical Testing

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EXECUTIVE SUMMARY

Pharmacist graduate with a strong career interest in Quality Control, supported by 6+ months of hands-on experience in pharmaceutical and cosmetic quality testing. Proficient in instrumental analysis (HPLC, UV-Vis, FTIR, AAS), wet chemistry (titration), and dissolution testing across raw materials, in-process bulk, and finished products. Experienced in stability studies, microbiological quality testing, and cleanroom environmental monitoring, with sound knowledge of cGMP/CPOB, GLP, and OOS investigation workflows. Successfully conducted 50+ analytical tests and prepared 50+ QC reports supporting on-time product release. Open to relocation nationwide.

EDUCATION

Airlangga University – Surabaya, Indonesia

Aug 2025 – Aug 2026

Pharmacist Professional Program

- Current GPA: 3.94/4.00 (Summa Cum Laude)
- Product Development Project: Designed formulation, QTPP, and primary packaging (pre-filled syringe) for a sterile cyanocobalamin injection, addressing container-closure compatibility and sterilization compliance.

Airlangga University – Surabaya, Indonesia

Sep 2021 – Jul 2025

Bachelor of Pharmacy

- GPA: 3.52/4.00 (Cum Laude)
- Relevant Coursework: Drug Delivery Design and Technology, Analytical Chemistry, Pharmaceutical Analysis, Pharmaceutical Manufacturing, Pharmaceutical Quality Assurance and Quality Control, Cosmetic Science.

WORK EXPERIENCES

PT Kalbio Global Medika – Cikarang, Indonesia

Oct 2025 – Nov 2025

Production Drug Product Intern

- Supported the Operational Qualification (OQ) of an Automatic Inspection Machine (AIM) by preparing defect and acceptable Pre-Filled Syringe (PFS) challenge test samples for machine detection verification.
- Performed manual visual inspection, assembly, blistering, and packaging for 1,000+ sterile injectable units per shift in strict compliance with cGMP standards.
- Monitored cleanroom environmental parameters and differential pressure cascades across 5+ AHUs to ensure ISO-classified cleanroom compliance and contamination control.
- Revised and updated 5+ SOPs and production protocols, clarifying ambiguous instructions for inspection booth and magnifying lamp usage to reduce inconsistency in manual visual inspection procedures.
- Developed an individual new product development proposal for cyanocobalamin injection, covering formulation design, packaging selection, and BPOM regulatory registration requirements.

PT Rajawali Nusindo – Surabaya, Indonesia

Sep 2025 – Sep 2025

Pharmacy Intern (Cold Chain & Quality Distribution)

- Performed cold chain shipping validation across 2 distribution routes (Surabaya and Surabaya–Sumenep), determining optimal ice pack quantity and maximum transit duration to maintain product temperature integrity.
- Conducted temperature mapping across 9 monitoring points to identify hot/cold spots, verified temperature compliance, and reviewed 20+ shipment records to ensure traceability.

Faculty of Pharmacy, Universitas Airlangga – Surabaya, Indonesia

Feb 2025 – Jun 2025

Laboratory Assistant | Practical Design and Technology for Tablet Drug Delivery

- Evaluated physical quality and in-vitro performance of laboratory-scale tablet batches (Wet Granulation Paracetamol & Direct Compression Ascorbic Acid), conducting hardness, friability, disintegration time, and dissolution testing.
- Guided and trained 60+ pharmacy students in formulation development, laboratory techniques, and analytical methods during a hands-on practical session.

PT Genero Pharmaceuticals – Cikarang, Indonesia

Sep 2024 – Dec 2024

Quality Control Intern

- Performed 60+ AQL (Acceptable Quality Level) sampling activities on raw materials and packaging materials to support incoming quality inspection.

- Performed 50+ instrumental analyses (HPLC, UV-Vis, FTIR, AAS) across raw materials, in-process bulk, and finished products.
- Conducted physicochemical testing across 10+ product batches, including titration and dissolution testing, to evaluate product quality against established specifications.
- Participated in an out-of-specification (OOS) investigation involving pH and viscosity results, identifying non-compliant temperature conditions as a contributing factor.
- Performed real-time stability and microbiological quality testing and documented 50+ QC reports to support quality compliance and on-time product release.

ORGANIZATION AND SOCIAL EXPERIENCES

Joy On The Street | SCOLAH-Unair Mengajar

May 2023 – Feb 2024

Project Manager

- Directed 4 teams (14 members) to design and execute 5 educational outreach events benefiting 150+ underprivileged children in Surabaya.
- Collaborated with 3+ community organizations dedicated to the well-being of underprivileged children in Surabaya to encourage active participation.

NovoClub Batch #2 | PT Paragon Technology and Innovation

Mar 2023 – Aug 2023

Event Lead, Leadership Development Program

- Completed a six-month leadership development program, including 16 hours of bootcamp training across eight sessions covering leadership, design thinking, innovation, communication, and problem-solving
- Served as team lead for a 5-member group project, coordinating with an orphanage/school partner to deliver health education on clean and healthy living habits under the Education Pillar.

PROJECTS & PUBLICATIONS

- **Thesis (2025)** — *Health Literacy and Antiretroviral Therapy Adherence Among People Living with HIV* (Analisis Hubungan Antara Health Literacy Terkait HIV dan Kepatuhan Pengobatan Antiretroviral), Faculty of Pharmacy, Universitas Airlangga
- **Scientific Publication (2024)** — Co-author, "Pregnant Women's Knowledge of Iron Supplement Consumption as an Effort to Prevent Stunting in East Surabaya," *Jurnal Farmasi Komunitas*, 11(1), 62–67. DOI: <https://doi.org/10.20473/jfk.v11i1.53025>

COMPETITION & WORKSHOPS

- **2nd place, National Pharmaceutical Essay Competition, 12th Pharmacy Expo UIN Jakarta** Jun 2024
"SehatSiaga: An Effective Solution for Health Crisis and Medical Emergencies" — designed a telehealth application concept, including UI/UX design using Figma and Canva, focusing on emergency and first aid response.
- **Technical Guidance for UMKM Cosmetic Facilitators through the Jatim Glowing Program** Mar 2024
Gained technical guidance on Good Cosmetic Manufacturing Practice (CPKB) requirements and cosmetic product registration procedures, covering regulatory compliance, production standards, and documentation preparation for cosmetic manufacturing.

SKILLS

Analytical & Quality Control: HPLC (Empower software), UV-Vis, FTIR, AAS, Volumetric Titration, Dissolution & Stability Testing, AQL Sampling, Raw Material & Finished Product Testing, Cleanroom Monitoring, Microbiological Testing, OOS Investigation

Production & Regulatory (Supporting): cGMP/CPOB Compliance, SOP Development, Documentation Review, BPOM Registration, Technical Documentation

Software & Tools: Microsoft Office (Excel, Word, PowerPoint), IBM SPSS Statistics, Figma, Canva

Languages: Indonesian (Native), English (Working Proficiency)

COURSE & CERTIFICATION

BOTA Edukasi Indonesia - National Intensive Class of Public Speaking #SuarakanKarya Vol 2

Feb 2022

Trained in effective public speaking, audience engagement, and confidence building. Certificate: bit.ly/certificate

REFERENCE

apt. Muthiara Syahbani Putri, S.Farm. (+62 81286505409) – Production Supervisor, PT Kalbio Global Medika
apt. Andita Noviana, S.Farm. (+62 81322855914) – Quality Control Supervisor, PT Genero Pharmaceuticals