



ARRYZA AZRIEL PRATAMA

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PROFESIONAL SUMMARY

Bachelor's degree in Pharmacy and a licensed pharmacist with experience in Quality Control (QC) in the pharmaceutical industry. Has experience in laboratory testing and analysis, In-Process Control (IPC), microbiological testing, environmental monitoring, and water quality testing in accordance with GMP principles. Possesses an understanding of quality system qualification, validation, and documentation, and has been involved in the qualification of Air Handling Units (AHUs), production process validation, and production equipment cleaning validation. Possesses analytical skills using chromatography techniques (TLC, VLC, HPLC), FTIR, and UV-Vis spectrophotometry, as well as the ability to interpret $^1\text{H-NMR}$ and $^{13}\text{C-NMR}$ spectra for compound identification.

EDUCATION

BAKTI TUNAS HUSADA UNIVERSITY - Tasikmalaya, Indonesia

- **Pharmacist (GPA: 3.86/4.00)**

Sept 2025 – Present

- **Bachelor of Pharmacy (GPA: 3.76/4.00)**

Sept 2021 - May 2025

Relevant Coursework: Physical and Chemical Analysis, Analytical Chemistry, Instrumental Analysis, Pharmaceutical Microbiology, Industrial Pharmacy, Pharmaceutical Quality Control, Quality Assurance, Phytochemistry.

WORK EXPERIENCE

PT L'ESSENTIAL - Tangerang Selatan, Indonesia

March - April 2026

Quality Control Staff

- Conduct sampling of raw materials, packaging materials, in-process products, and finished products in accordance with SOPs and CPOB.
- Perform In-Process Control (IPC) inspections and tests during the production process to ensure that process parameters and product quality meet established specifications.
- Conduct environmental monitoring in production areas and laboratories using particle counters, microbial air samplers, settle plates, and contact plates.
- Conduct water quality testing (Raw Water, Reverse Osmosis Water, and Purified Water) using Membrane Filtration and Most Probable Number (MPN) methods.
- Identify compounds in semi-finished and finished products using chromatography (TLC).
- Conduct Air Handling Unit (AHU) qualification, production process validation, and production equipment cleaning validation.
- Develop and update >10 Standard Operating Procedures (SOPs) and Work Instructions (WIs) for the laboratory in accordance with the principles of Good Documentation Practice (GDP) and applicable regulatory standards.

BALAI POM - Tasikmalaya, Indonesia

February 2026

Testing Department Staff

- Collect samples of drugs, food, and cosmetics as part of post-market surveillance activities.
- Analyze >40 samples using rapid test methods and thin-layer chromatography (TLC).
- Conduct microbiological testing, process and interpret test results to evaluate the samples' compliance with established microbiological requirements.
- Conducting disintegration tests on tablet formulations using a disintegration tester and evaluating the results as parameters of formulation characteristics and performance.
- Assists in managing and reviewing documents and test reports to support post-market surveillance activities.

PT PENTA VALENT TBK - Banyumas, Indonesia

May 2026

Pharmacy Warehouse Staff

- Carry out the receipt, storage, and distribution of pharmaceutical products in accordance with CDOB principles
- Conduct validation of cold-chain product shipments through three test runs using the Testo T174-2010 data logger, monitoring temperatures between 2–8°C throughout the distribution process.
- Collect, process, and monitor data related to CAPA (Corrective and Preventive Actions) in accordance with applicable procedures.

ORGANIZATIONAL EXPERIENCE

BEM BAKTI TUNAS HUSADA UNIVERSITY - Tasikmalaya, Indonesia

2023

Secretary

- Managed administrative records and organizational documentation, maintaining 100+ documents systematically.
- Prepared meeting agendas, minutes, and follow-up documentation for 10+ organizational meetings.
- Coordinated schedules and administrative needs for 20+ organizational members and supported the implementation of 10+ activities.

RESEARCH EXPERIENCE

Thesis Research

2025

Project Title : Isolation and Structural Elucidation of Antioxidant Compounds in Butterfly Pea Flowers (*Clitoria ternatea* L.)

- Extracting the butterfly pea flower crude extract using the maceration method with 96% ethanol as the solvent.
- Fractionating the extract using Vacuum Liquid Chromatography (VLC) and obtaining 14 fractions, with compound profiling monitored using TLC and 0.2% DPPH.
- Subfractionating the extract using classical column chromatography and obtaining 120 subfractions, with compound profiling monitored using TLC and 0.2% DPPH.
- Isolate compounds using preparative chromatography, monitoring the process using two-dimensional TLC and 0.2% DPPH to obtain isolates with antioxidant activity.
- Process and interpret the analytical data obtained using FTIR, UV-Vis spectrophotometry, ¹H-NMR, and ¹³C-NMR to support the identification and structural elucidation of the isolated compounds.

Relevant Skills: Phytochemical Extraction, VLC, Column Chromatography, Preparative TLC, DPPH Antioxidant Screening, UV-Vis, FTIR, ¹H-NMR & ¹³C-NMR Interpretation, Compound Isolation & Identification.

Funded Research

2023

Project Title : Development of Hydrogel Film Containing Kitolod Leaf Extract (*Isotoma longiflora*) for Anti-inflammatory Application

- Extracting kitolod leaves (*Isotoma longiflora*) using 96% ethanol to obtain the extract as the active ingredient.
- Formulating hydrogel films with varying concentrations of kitolod leaf extract.
- Evaluating the physical characteristics of the hydrogel films, including organoleptic properties, pH, thickness, fold resistance, and absorbency.
- Conducting in vivo anti-inflammatory activity testing using mice to evaluate the effectiveness of the hydrogel film formulations.

Relevant Skills: Formulation Development, Herbal Product Research, Stability Testing, Extraction, Hydrogel Film Formulation, Physical Evaluation, In Vivo Study, Anti-inflammatory Activity Testing.

Other Research

2023

Project Title : Formulation and Activity Testing of a Green Tea (*Camellia sinensis*) Ethanol Extract Deodorant Spray

- Extracting green tea leaves (*Camellia sinensis*) using 96% ethanol to obtain the extract as the active ingredient.
- Formulating and developing a deodorant spray preparation with varying concentrations of green tea extract.
- Evaluating the physical characteristics of the preparation, including organoleptic properties, pH, homogeneity, and spray pattern.
- Conducting an antibacterial activity test against *Staphylococcus epidermidis* to evaluate the effectiveness of the deodorant spray preparation.

Relevant Skills: Extraction, Formulation Development, Herbal Product Research, Antibacterial Activity Testing, Microbiological Testing, Physical Evaluation, Stability Testing.

CERTIFICATION AND TRAINING

• Quality Control Supervisor — PT Rasi Latih Nusantara	2026
• Cara Pembuatan Obat yang Baik (CPOB) — PT Rasi Latih Nusantara	2026
• Quality Control Assistant Manager — PT Rasi Latih Nusantara	2026
• ISO 17025:2017 – Laboratory Management System — PT Makin Ahli Indonesia	2026
• Regulatory Affairs (Halal, BPOM, SNI) in Pharmacy Industry — PT Teman Group Indonesia Score: 100/100	2026
• SMART CDOB (Cara Distribusi Obat yang Baik) — Badan POM RI	2026
• Hospital Training: PPIRS, KPRS, K3RS & BHD — RSUP Dr. Hasan Sadikin Bandung	2025
• TOEFL ITP — Central Course Score: 573	2025

SKILLS

- **Laboratory Analysis :** Thin-Layer Chromatography (TLC), Vacuum Liquid Chromatography (VLC), High Performance Liquid Chromatography (HPLC), FTIR Spectroscopy, UV-Vis Spectrophotometry, Titration, Gravimetry, Microbiological Testing, Physicochemical Testing, Raw Material Testing, Water Quality Testing, Environmental Monitoring.
- **Quality System :** CPOB, CDOB, Good Documentation Practices (GDP), Laboratory Documentation, Data Integrity, CAPA, Qualification & Validation, Cleaning Validation.
- **Research & Formulation :** Phytochemical Research, Compound Isolation & Identification, Formulation Development, Herbal Product Research, Hydrogel Film Formulation, Stability Testing, In Vivo Studies, Anti-inflammatory Activity Testing.
- **Data & Software :** Microsoft Office, Google Workspace, IBM SPSS, ChemDraw, Origin, Spectragryph, LabSolution.
- **Professional Skills :** Analytical Skills, Problem Solving, Attention to Detail, Time Management, Teamwork, Communication, Documentation Management.