

NISRINA RONA ROIHANA

Aspiring Analytical Development (Andev) Staff — Pharmaceutical & Cosmetic Products

0878-0487-7968 | roihana61@gmail.com | linkedin.com/in/nisrina-rona-roihana | Yogyakarta, Indonesia

PROFILE

Pharmacist candidate with hands-on laboratory experience in dissolution testing, tablet quality testing (friability, hardness, granule flow), UV-Vis spectrophotometry, titration, and analytical method validation. Skilled in reviewing raw material CoA, preparing analytical protocols and reports, and applying CPOB/GLP principles for reliable, reproducible results — with a strong interest in Analytical Development (Andev) and Quality Control.

CORE COMPETENCIES

Analytical Method Development & Validation • Dissolution & Comparative Dissolution Testing • UV-Vis Spectrophotometry & Physicochemical Characterization • Raw Material CoA & Specification Review • Analytical Protocol & Report Preparation • Assay & Impurities Testing Principles • CPOB/GLP Compliance & Quality Documentation • Cross-functional QC/QA/RA Coordination

WORK EXPERIENCE

Laboratory Assistant — Comprehensive Pharmacy Practicum, Pharmacist Professional Program Aug 2026 – Now

Faculty of Pharmacy, Universitas Gadjah Mada

- Assessed and guided students in the OSCE Pharmaceutical Technology practicum, covering granule flow properties, friability, tablet dissolution, and tablet hardness testing.
- Assessed and guided students in the OSCE Pharmaceutical Biology practicum, covering microbiological testing and Laminar Air Flow (LAF) validation.
- Guided students in the Pharmaceutical Analysis practicum, covering spectrophotometry and titration techniques.

Regulatory Affairs & Business Development Intern Feb – Mar 2026

PT. Novell Pharmaceutical Laboratories

- Assessed bioequivalence requirements for 2 pharmaceutical products against applicable BPOM regulations and scientific literature, supporting comparative product evaluation relevant to dissolution/BE-type assessment.
- Conducted 3 originator/comparator product evaluations using official regulatory authority databases from ICH member countries to support product benchmarking.
- Reviewed CPKB, CPOTB, and CPPOB requirements and completed internal CPOB training, strengthening cross-category quality compliance understanding.
- Prepared and translated regulatory and technical documentation (Indonesian ↔ English) to support dossier and report readiness.

Laboratory Assistant of Biopharmaceutics Oct – Nov 2024

Faculty of Pharmacy, Universitas Gadjah Mada

- Facilitated 10+ laboratory sessions on drug dissolution and absorption studies, ensuring compliance with Good Laboratory Practice (GLP) and laboratory safety procedures.
- Guided students in experimental technique, data interpretation, and accurate laboratory documentation to ensure reliable and reproducible results.

Laboratory Assistant of Pharmacy Physics II Feb – May 2024

Faculty of Pharmacy, Universitas Gadjah Mada

- Facilitated 5+ laboratory sessions on physicochemical characterization of pharmaceutical materials, including solubility, partition coefficient, particle size distribution, viscosity, rheology, and colloidal systems.
- Guided students in analytical data interpretation and compliance with Good Laboratory Practice (GLP).

PROJECT AND RESEARCH

Regulatory Compliance & Product Readiness Audit (Pharma & Cosmetics) Aug 2026

Ioda Academy

- Reviewed 68 technical documents for a generic Amlodipine 5 mg tablet, identifying API supplier and formulation discrepancies and developing a CAPA action plan.
- Audited cosmetic notification readiness across 24 raw materials, including INCI, CoA, Master Formula, and PIF/DIP reconciliation.
- Developed RCA, market action assessment, and CAPA tracking covering complaint trends, containment, corrective actions, and effectiveness monitoring.

Cosmetic Product Registration — Giri Sewu Spa Salt Jul – Aug 2024

Community Empowerment Project (KKN-PPM UGM), Giri Sewu

- Developed quality control testing methods and performed physicochemical testing (pH, dissolution time, foaming performance, moisture content) to support registration readiness and product consistency.
- Interpreted analytical results and proposed product quality improvements to support commercialization.

Bachelor Thesis — Analytical Method Validation (UV–Vis Spectrophotometry)

Oct 2024 – Mar 2025

Universitas Gadjah Mada

- Developed and validated a UV–Vis spectrophotometric analytical method (accuracy, precision, reproducibility) to determine the apparent partition coefficient (log D) of curcumin analogue compounds.
- Evaluated physicochemical characteristics of drug compounds under simulated physiological pH conditions through analytical laboratory testing.
- Completed the entire thesis process — from proposal to defense — within 5 months, ahead of the typical program timeline.

CERTIFICATIONS & TRAINING

- Healthcare Regulatory (Drugs and Cosmetics) According to BPOM Regulations (Aug 2026) — Ioda Academy
- The 2022 International Online Summer Course (OSC) on “The Development of Cosmetics: From the Heritage to the Recent Advances” (Jul 2022) — Faculty of Pharmacy UGM

EDUCATION

Pharmacist Professional Study Program, Student

Aug 2025 – Present

Universitas Gadjah Mada, Yogyakarta

- GPA: 3.90 / 4.00 | UKOM-NAS PDPA Score: 86.50; OSCE-NAS Score: 72

Bachelor of Pharmacy, Undergraduate Pharmacy Study Program

Aug 2021 – May 2025

Universitas Gadjah Mada, Yogyakarta

- GPA: 3.68 / 4.00 — Graduated with Honors (Predikat: Pujian / Cum Laude)
- Relevant Coursework: Analytical Chemistry • Chromatography • Physical Pharmacy • Analysis of Drugs, Cosmetics and Food,
 - Formulation & Technology of Solid/Semi-solid/Liquid/Sterile Dosage Form • Good Manufacturing Practice (CPOB) • Industrial Pharmacy • Biopharmaceutics

SKILLS & LANGUAGES

Languages: Indonesian (Native) • Javanese (Native) • English (Professional Working Proficiency)

Pharmaceutical & Quality Skills: Analytical Method Development & Validation • Dissolution & Comparative Dissolution Testing • UV–Vis Spectrophotometry • Physicochemical Characterization • CoA & Specification Review • CPOB/GLP Compliance • Quality Documentation (SOP, CoA, Batch Record) • Deviation Handling & CAPA

Technical & Interpersonal Skills: Microsoft Office • Google Workspace • Data Analysis • Scientific Literature Review • Communication • Cross-functional Coordination • Teamwork • Project Coordination