

Apt. SINTA NURROHMAH, S.Farm

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SUMMARY

Fresh graduate pharmacist from Universitas Gadjah Mada with hands-on experience in pharmaceutical analytical development, microbiology research, and laboratory-based scientific investigation. Experienced in analytical method verification, assay and impurity testing, stability evaluation, analytical documentation, and experimental data interpretation within pharmaceutical industry and research environments. Detail oriented, analytical, and highly interested in Analytical Development and Pharmaceutical R&D.

EDUCATION

UNIVERSITAS GADJAH MADA | 2025 - 2026

Apothecary Program (Professional Pharmacist Education) – GPA 3,84/4,00

UNIVERSITAS GADJAH MADA | 2020 - 2025

Bachelor of Pharmacy

PROFESSIONAL EXPERIENCE

PT Berlico Mulia Farma – Yogyakarta, Indonesia

Pharmacist Internship Student (PKPA) – R&D Analytical Development | Oct – Nov 2025

- Supported analytical method development and verification for raw materials and finished products and assisted stability study evaluation and interpretation of analytical testing results.
- Performed analytical testing including assay, dissolution, and identification testing using HPLC, UPLC, UV-Vis spectrophotometer, FTIR, dissolution tester, and pH meter.
- Handled documentation and analytical evaluation activities for approximately 40 pharmaceutical products, including fixed protocols, analytical method validation protocols, analytical method validation reports for assay and impurity testing, analytical data calculation and interpretation, and technology transfer documentation.
- Familiar with analytical method validation parameters including accuracy, precision, linearity, robustness, limit of detection (LOD), and limit of quantification (LOQ).
- Prepared analytical documentation and technical reports in compliance with CPOB and CPOTB standards.
- Applied systematic laboratory practices, analytical thinking, and quality-oriented workflows in pharmaceutical development.

Badan Riset dan Inovasi Nasional (BRIN) – Cibinong, Indonesia

Research Intern & Final Project | Aug 2023 – Mar 2024

- Managed isolation and characterization of more than 200 actinomycetes isolates for antibacterial activity evaluation using diffusion and MIC methods against five bacterial strains.
- Operated microbiology and analytical laboratory instruments including autoclave, laminar air flow, centrifuge, PCR thermal cycler, gel electrophoresis system, UV transilluminator, rotary evaporator, freeze dryer, freezer storage systems (-20°C and -80°C), analytical balance, water bath, micropipette, and pH meter.
- Contributed to optimization of diffusion assay conditions through pre-incubation treatment at 4°C prior to incubation, resulting in approximately 30–40% larger inhibition zone diameters and improved consistency of antibacterial activity results.

- Processed and interpreted research data using Microsoft Excel and GraphPad Prism and conducted comparative literature analysis to support scientific evaluation and research conclusions.

Faculty of Pharmacy – Yogyakarta, Indonesia

Research Assistant – Anti–Non-Tuberculous Mycobacterium (NTM) Activity Study | Jun - Dec 2024

- Assisted in antibacterial activity testing against non-tuberculous mycobacterium (NTM).
- Analyzed and documented experimental results systematically.
- Supported scientific publication preparation related to anti-NTM activity in indexed journals.

PT Anugerah Pharmindo Lestari – Yogyakarta, Indonesia | Apr 2025

- Learned pharmaceutical distribution management systems based on CDOB principles.
- Involved in receiving, storage, and distribution processes following quality standards and FEFO/FIFO systems.

RS Akademik Universitas Gadjah Mada – Yogyakarta, Indonesia | Aug – Sep 2025

- Conducted prescription screening and therapy monitoring activities.
- Identified potential drug related problems (DRP) and participated in antimicrobial resistance control programs (PPRA).

Apotek Klinik Keluarga Sembada – Yogyakarta, Indonesia | May - Jun 2025

- Conducted prescription screening and dispensing activities in accordance with pharmaceutical care standards.
- Assisted inventory management, stock monitoring, and dispensing documentation.

Puskesmas Mantrijeron – Yogyakarta, Indonesia | Mar - Apr 2025

- Supported outpatient pharmaceutical services and prescription screening.
- Participated in drug management reporting and rational drug use education.

PUBLICATION

ACTA TROPICA (2025) (Revised and Resubmitted)

Nurrohmah, S., dkk. (2025). *Marine-Derived Nocardia sp. SPL22-064 from Lombok Sea Exhibits Potent Anti-Nontuberculous Mycobacteria (NTM) Activity*. Acta Tropica. (Manuscript ID: ACTROP-D-25-01611).

SKILLS

- Analytical method development and verification
- Analytical testing using HPLC, UV-Vis spectrophotometer, IR spectrophotometer, dissolution tester, and pH meter
- Stability study evaluation
- Technology Transfer Documentation
- Quantitative data analysis and interpretation
- Technical documentation (CPOB/CPOTB)
- Laboratory troubleshooting and root cause analysis
- GMP and CPOB oriented laboratory practices

SEMINARs & WORKSHOPs

Makin Ahli (2026)

Pelatihan Cara Pembuatan Obat Yang Baik (CPOB)

Pelatihan Sistem Manajemen Mutu (ISO 9001:2015)

Pelatihan CAPA and Root Cause Analysis in Pharmaceutical Industry

LEADERSHIP AND COMMUNITY SERVICE EXPERIENCE

Satmenwa UGM (2023) – University Level | Head of Unit (Leader)

Care Lombok Program (2024) – National | Organizer / Committee Member

KKN-PPM UGM (2023) – Supiori, Papua | Field Participant - Finance and Medic

Gelanggang Emergency Response (2022) – University Level | Treasurer

Pharmadays 2022 - Faculty Project | Division Coordinator