



SHIFA DZAHABIYYAH ISLAM

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Bancarkembar, Purwokerto Utara, Banyumas, Jawa Tengah

A graduate of the Pharmacist Professional Program at Universitas Muhammadiyah Purwokerto with a strong interest in pharmaceutical analysis and analytical method development. Experienced in analytical data processing and interpretation, with practical exposure to instrumental analysis, sample preparation, spectroscopy, and chromatography. Familiar with GMP and GLP principles and experienced in a research project involving FTIR spectroscopy and chemometric analysis for product authentication. Detail oriented, analytical, and systematic, individual who is honest, responsible, and capable of working both independently and collaboratively in a pharmaceutical industry.

Education Level

Universitas Muhammadiyah Purwokerto  - Purwokerto, Indonesia	Sep 2021 - Sep 2025
<i>Bachelor of Pharmacy, 3.57/4.00</i>	
• Finalist in a scientific essay competition. • Active in faculty-level organizations.	
Universitas Muhammadiyah Purwokerto  - Purwokerto, Indonesia	Sep 2025 - Sep 2026
<i>Professional Pharmacy, 3.91/4.00</i>	

Internship Experiences

PT. CATUR DAKWAH CRANE FARMASI - Bogor, Indonesia	Jan 2026 - Feb 2026
<i>Pharmacy Internship</i>	
• Participate in monitoring production processes and Batch Record documentation in accordance with GMP principles. • Analyze cause product defect to identify opportunities for improvement. • Understanding of product regulatory aspects, including new product registration and variation registration. • Gained exposure to new product development (R&D) through the Quality by Design (QbD) approach. • Experience in supporting Quality Control activities, product testing, and analytical result evaluation in collaboration with the QC team. • Understanding of Quality Assurance systems, including calibration, qualification, and validation.	
PT. TEMPO SCAN PACIFIC - Purbalingga, Indonesia	Nov 2025
<i>Pharmacy Internship</i>	
• Analyzing issues related to cold chain management and pharmaceutical distribution, and proposed solutions to maintain product quality while ensuring regulatory compliance.	
ANALYTICAL CHEMISTRY LABORATORY - Universitas Muhammadiyah Purwokerto, Indonesia	Oct 2024 - Dec 2024
<i>Quality Testing of Pharmaceutical Preparations Lab Assistant</i>	
• Guiding and assisting students in quality testing activities for pharmaceutical preparations, instrumental analysis, and explaining the principles and procedures for quality testing across various dosage forms, while developing competencies in instrumental analysis, sample preparation, data processing, data interpretation, and problem solving.	
ANALYTICAL CHEMISTRY LABORATORY - Universitas Muhammadiyah Purwokerto, Indonesia	Feb 2024 - May 2024
<i>Spectroscopy and Chromatography Lab Assistant</i>	
• Guiding and assisting students in spectroscopic and chromatographic analysis, explained analytical principles and procedures related to spectroscopy and chromatography. • Developed skills in instrumental analysis, analytical data processing, result interpretation, and troubleshooting.	
ANALYTICAL CHEMISTRY LABORATORY - Universitas Muhammadiyah Purwokerto, Indonesia	Oct 2023 - Dec 2023
<i>Non-Instrumental Pharmaceutical Analysis Lab Assistant</i>	
• Guiding and assisting students in non-instrumental pharmaceutical analysis activities by explaining the principles and procedures of pharmaceutical analysis, including acid-base, redox, complexometric, nitrimetric, and iodometric titration methods.	
ORGANIC CHEMISTRY LABORATORY - Universitas Muhammadiyah Purwokerto, Indonesia	Oct 2023 - Dec 2023
<i>Biochemical Lab Assistant</i>	
• Guide and assist students in biochemistry activities by explaining the fundamental principles of biochemistry as well as the practical	

procedures related to biomolecule analysis and biochemical reactions.

PHARMACEUTICAL TECHNOLOGY LABORATORY -
Universitas Muhammadiyah Purwokerto, Indonesia

Feb 2023 - May 2023

Physichal Pharmacy Lab Assistant

- Guide and assist students in Pharmaceutical Physics activities by explaining the principles and procedures for testing the physicochemical properties of pharmaceutical preparations, specifically regarding formulation characteristics and stability

Organization

Islamic Spirituality Organization - SMA Negeri 2 Purwokerto

Jul 2019 - May 2020

Disciplinary Board

Student Executive Board Faculty of Pharmacy - Universitas Muhammadiyah Purwokerto

Sep 2022 - Jul 2023

Minister of Department Economy

Skills, Achievements & Project

- **Research Projects** : Authentication of Tamanu Oil (*Calophyllum inophyllum* L.) Using Fourier Transform Infrared Spectroscopy Combined with Chemometric [Applied chemometric analysis to evaluate spectral patterns and classify samples]
- **Instrument Skills**: UV-Vis spectrophotometry (Shimadzu) | HPLC (manual injector) | moisture balance | pH meter
- **Data Interpretation**: Uv-Vis spectrophotometry | HPLC | FTIR | TLC densitometry | Fluorescence spectrophotometry | AAS | and GC-MS.
- **Analytical & Laboratory Skill** : Sample Preparation | Pharmaceutical Analysis | Spectral Interpretation | Chemometric Analysis | Troubleshooting
- **Software**: Microsoft office | Canva | Minitab | SPSS
- **Achievements** 🏆 (2023): Finalis Essay Scientific Competition