

# FADLI WAARSYAT

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## SUMMARY

Chemistry graduate with 2+ years of professional experience in Quality Control, complemented by hands-on experience in laboratory analysis, analytical testing, and research. Skilled in quality inspection, sample preparation, analytical instrument operation, data processing and interpretation, and technical reporting. Experienced in operating UV-Vis, AAS, HPLC, and GC, with knowledge of GLP, GMP, ISO/IEC 17025, SOPs, and laboratory health and safety (HSE) practices. Seeking opportunities as a Quality Control Analyst, Chemical Analyst, or Laboratory Analyst.

## WORK EXPERIENCES

### Chemistry Department Laboratory | Universitas Negeri Padang

Aug 2025 - Apr 2026

#### Research Assistant

- Conducted laboratory analysis, sample preparation, testing, data processing, and interpretation.
- Performed material characterization using XRD, XRF, FTIR, and FESEM-EDX.
- Determined heavy metal concentrations in environmental sample using AAS.
- Analyzed 5+ datasets and prepared technical reports based on analytical findings.

#### Laboratory Assistant

Jan 2024 - Jul 2026

- Supported chemistry laboratory activities and supervised 70+ students during practical sessions.
- Prepared 20+ reagents, standard solutions, and laboratory equipment for practical activities.
- Performed UV-Vis analysis on 100+ sample weekly, maintaining RSD <2% for quantitative measurements.
- Evaluated experimental data and reported final practical grades.

### PT. Pertamina Patra Niaga

Jul 2025 - Aug 2025

#### Quality & Quantity Analyst Intern

- Conducted fuel and LPG quality testing according ASTM standards and ISO/IEC 17025.
- Performed testing of 7+ key quality parameters, including water content, density, viscosity, flash point, sulfur content, pour point, and distillation range.
- Operated densitometer, hydrometer, viscometer, flash point tester, and gas chromatography (GC).

### PT. Mayora Indah, Tbk

Jul 2020 - Jul 2022

#### Quality Control

- Inspected raw materials, finished goods, and pre-shipment products to conformity.
- Performed dimensional, organoleptic, moisture, coding, and packaging inspections for conformity.
- Conducted AQL sampling and provided release/hold recommendations for product disposition.
- Inspected and inventoried 50+ pallets of returned finished goods, ensuring 100% quality before redistribution.
- Prepared quality reports and entered inspection data for quality monitoring.
- Operated metal detector, pH meter, moisture meter, vernier caliper, push-pull scale, and vacuum leak tester for quality inspection.
- Ensured compliance with GMP, HACCP, Halal, and food safety requirements.

### PT. Anugerah Familindo Utama

Sep 2019 - Nov 2019

#### Quality Control Analyst Intern

- Inspected incoming raw materials against CoA specifications, including pH, color, odor, color and density.
- Performed microbiological testing, including media preparation, sterilization, incubation, and TPC analysis.
- Conducted product sampling for incubation testing and monitoring.

## EDUCATION

### Universitas Negeri Padang

Aug 2022 - Apr 2026

Bachelor's Degree in Chemistry - GPA: 3.62/4.00 (Cum Laude)

- Relevant Courseswork: Analytical Chemistry, Instrumental Analysis, Physical Chemistry, Organic Chemistry, Environmental Chemistry, Statistical Data Analysis.
- First Author of a Scientific Publication in a SINTA 2 - Indexed Journal ([Article](#))

### SMK SMTI Padang

2017-2020

Industrial Chemical Engineering - Final Score: 86.06/100

- Relevant Subjects: Non-Instrumental Analysis, Chemical Analysis, Waste Management.

ORGANIZATION & LEADERSHIP EXPERIENCES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Student Executive Board of Universitas Negeri Padang</b>                                                                                                                                                                                                                                                                                                                                                                                       | <b>2024-2025</b> |
| <i>Directorate General of Institutions and Industry, Ministry of Foreign Affairs</i>                                                                                                                                                                                                                                                                                                                                                              |                  |
| <ul style="list-style-type: none"><li>• Led coordination of visits to 10+ institutions and industries, managing schedules, communication, and logistics.</li><li>• Directed internal teams and external stakeholders to ensure smooth and timely visit execution.</li><li>• Oversaw end-to-end visit coordination, from planning through implementation.</li><li>• Developed a Partnership SOP to standardize collaboration procedures.</li></ul> |                  |
| <b>National BEM Debate Competition, Universitas Negeri Padang</b>                                                                                                                                                                                                                                                                                                                                                                                 | <b>Nov 2024</b>  |
| <i>Event Coordinator</i>                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |
| <ul style="list-style-type: none"><li>• Led 15+ Event Division members in planning and coordinating event activities.</li><li>• Coordinated participants, judges, and committee members to ensure effective event preparation.</li><li>• Successfully executed the event according to the established timeline and rundown.</li><li>• Prepared post-event reports and recommendations to improve future event implementation.</li></ul>           |                  |

CERTIFICATE

|                                                                                                |               |
|------------------------------------------------------------------------------------------------|---------------|
| • ISO 17025:2017 (Laboratory Management System) - Makin Ahli Training Program                  | <b>(2026)</b> |
| • Digitalisasi Sistem Manajemen ISO - Labmania Indonesia Training Program                      | <b>(2026)</b> |
| • Sertifikasi Kompetensi Analisis Volumetri - Lembaga Sertifikasi Profesi (LSP) BNSP           | <b>(2020)</b> |
| • Sertifikasi Kompetensi Pengoperasian Alat Ekstraksi - Lembaga Sertifikasi Profesi (LSP) BNSP | <b>(2020)</b> |
| • Sertifikasi Kompetensi Pengoperasian Alat Evaporasi - Lembaga Sertifikasi Profesi (LSP) BNSP | <b>(2020)</b> |
| • Sertifikasi Kompetensi Pengoperasian Alat Distilasi - Lembaga Sertifikasi Profesi (LSP) BNSP | <b>(2020)</b> |
| • Achievement Motivation Training - SMK SMTI Padang                                            | <b>(2019)</b> |
| • In-House Basic Safety & First Aid - Handal Wira Mandiri                                      | <b>(2019)</b> |

SKILLS

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| • <b>Technical Skills:</b> Analytical Chemistry, Quantitative & Qualitative Analysis, Sample Preparation, Laboratory Testing, UV-Vis, AAS, FTIR, GC, Quality Control, GLP, GMP, HACCP, HSE, ISO/IEC 17025:2017, Laboratory Data Analysis, Calibration & Verification. |
| • <b>Soft Skills:</b> Detail-oriented, Adaptability, Analytical, Systematic, Leadership, Problem Solving, Time Management, Team Work.                                                                                                                                 |
| • <b>Languages:</b> Indonesian (Native/Bilingual Proficiency), English (Professional Working Proficiency).                                                                                                                                                            |
| • <b>Software Skills:</b> Microsoft Office (Word, Excel, PowerPoint), OriginLab, ChemDraw, HyperChem, SPSS.                                                                                                                                                           |