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PROFILE

Chemistry graduate with internship experience in industrial laboratories and research activities. Skilled in sample preparation, laboratory testing, data analysis, laboratory instrument operation, and test result documentation in accordance with SOPs and laboratory safety principles. Experienced in research activities and PKM-Riset Eksakta, developing skills in experimental design, result evaluation, and analytical problem-solving. Detail-oriented, adaptive, fast learner, and able to work systematically in supporting quality assurance, laboratory testing, and research and development activities.

EDUCATION

2021 - 2025 Bachelor of Chemistry (GPA 3.70/4.00)
Andalas University (UNAND),
Padang - West Sumatera

Thesis :

Synthesis and Characterization of Perovskite Compounds $\text{Na}_{0.25}\text{Bi}_{0.25+x}\text{Ba}_{0.5-x}\text{Ti}_{1-x}\text{Fe}_x\text{O}_3$ Using Molted Salt Method and Its Potential as a Dielectric Capacitor Material.

EXPERTISE

Laboratory Analysis, Sample Preparation, Data Analysis, Good Laboratory Practice (GLP), Laboratory Safety (K3), Laboratory Instrument Operation (GC, UV-Vis Spectrophotometer, Karl Fischer Titrator, Moisture Analyzer, Furnace, and pH Meter), Microsoft Office, OriginLab, Adobe InDesign.

WORK/INTERNSHIP EXPERIENCE

July 2023 - August 2023

Quality Control Analyst - Intern | PT. Wilmar Nabati Indonesia

- Conducted sample preparation and compound analysis of herbal plants using Thin Layer Chromatography (TLC/KLT).
 - Conducted densitometric analysis using TLC Densitometer to obtain chromatographic compound profiles.
 - Performed editing, layout, and formatting of scientific manuscripts using Adobe InDesign in accordance with publication standards.
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September 2024 - June 2025

Assistant for Physical Chemistry I and Physical Chemistry II Laboratories - UNAND

- Conducted laboratory preparation and practical trial runs to ensure the readiness of equipment, materials, and work procedures.
- Assisted and coordinated laboratory practical sessions for approximately 120 students, providing guidance on work procedures and laboratory safety.
- Recorded and evaluated practical results systematically to support laboratory documentation and activity implementation.

July 2023 - August 2023

Quality Control Analyst - Intern | PT. Wilmar Nabati Indonesia

- Conducted quality analysis and testing of raw materials, intermediate products, oil-based finished products, and industrial chemical samples with approximately 50 samples tested per day.
- Performed quality parameter testing, including Free Fatty Acid (FFA), moisture content, color, peroxide value, physical properties, and pH in accordance with company quality standards.
- Operated laboratory instruments, including Gas Chromatography (GC), Karl Fischer Titrator, Moisture Analyzer, Lovibond Colour Tester, Cloud Point Tester, and pH Meter.
- Performed calculations, recorded, and documented test results accurately according to SOPs while applying laboratory safety principles.

PROJECT EXPERIENCE

April 2024 - August 2024

Member of the PKM-Exact Research Team (Dikti Funding) - UNAND

- Contributed to experimental design, laboratory-scale formulation development, and research activities related to enhancing steviol glycoside biosynthesis in *Stevia rebaudiana* Bertoni.
- Conducted data analysis, processing, and systematic preparation of research reports.

ORGANIZATIONAL EXPERIENCE

Treasurer, Human Resources Development Division	February 2023 - January 2024
Chemistry Student Association, Universitas Andalas	
Logistics Staff 27th National Chemistry Competition	May 2023 - October 2023
Creative Decoration Staff 28th National Chemistry Competition	May 2024 - October 2024

LANGUAGE PROFICIENCY

Indonesian (Native)
English (Beginner)