



Rahmadina Pratiwi

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Summary

Bachelor of science, fresh graduate majoring in chemistry with laboratory experience in research, academic, environmental, and industrial laboratories. Skilled in sample preparation, data analysis, preparation of scientific reports, chemical analysis, test validation, data processing, and technical report preparation for more than 300 samples. Proficient in operating analytical instruments including FTIR, AAS, and UV-Vis, with strong knowledge of SOP, GMP, HACCP, FSSC, ISO, GLP, K3 (Occupational Health and Safety), quality control, and laboratory documentation. Mastering laboratory analysis techniques such as spectroscopy (UV-Vis, FTIR, AAS), titrimetry, Gravimetry and standard methods of chemical testing. Strong analytical skills, high accuracy, and accustomed to working according to systematic and accurate laboratory standards. Committed to a career in R&D, Laboratory Analyst, QC, QA, and Packaging Innovation Analyst with a focus on innovation, efficiency, and product quality improvement.

EDUCATION

LAMPUNG UNIVERSITY

S-1 Chemistry (GPA : 3.48)

August 2021 – August 2025

SMK SMTI BANDAR LAMPUNG

Laboratory Test Analysis (84.93)

March 2017 – July 2020

SKILLS

- **Software Skill** : Microsoft Office (Power Point, Word, Excel), Mendeley, Canva, Chems sketch, Avogadro, Chemdraw, Origin, Minitab 20, Slidesgo dan Google Workspace.
- **Soft Skill**: Analytical Thinking, Critical Thinking, Attention to Detail, Discipline, Time Management, Compliance Awareness, Communication, Teamwork, Responsibility, Adaptability dan Learning Agility.

WORKING EXPERIENCE

UNIVERSITY OF LAMPUNG

Analytical Chemistry Laboratory Assistant – Department of Chemistry

May 2025 - July 2025

- Assisted analytical chemistry laboratory sessions by preparing equipment, reagents, standards, and laboratory instruments according to SOP.
- Guided 70+ students in quantitative analysis methods, including titration, gravimetric analysis, and spectrophotometry.
- Provided technical assistance on analytical procedures, data interpretation, and laboratory safety practices (K3 & GLP).
- Coordinated with lecturers and laboratory teams to ensure effective laboratory activities.

Badan Riset dan Inovasi Nasional (BRIN) ISKANDAR ZULKARNAIN

Research Intern – Final Year Project Student

September 2024 - March 2025

- Conducted laboratory research following SOP, GLP, K3, SNI, and ISO 17025 standards.
- Prepared and analyzed 30+ samples using FTIR, including spectral data processing and interpretation.
- Prepared technical reports and research documentation to support data quality, traceability, and compliance.

UNIVERSITY OF LAMPUNG

Basic Chemistry Laboratory Assistant – Department of Geological Engineering

September 2024 - December 2024

- Guided 35+ students in basic chemistry practices, including laboratory procedures, equipment handling, and K3 implementation.

- **Participant – Student Creativity Program (PKM) in Entrepreneurship**, Faculty of Mathematics and Natural Sciences, University of Lampung (2023).
Developed a business proposal through idea formulation, opportunity analysis, and activity planning as part of entrepreneurship and teamwork development.

- **Koordinator Coordinator – National Seminar “The Importance of Investment and Business for a Bright Future in Society 5.0”**, Chemistry Student Association (HIMAKI), University of Lampung (2022)
Coordinated a national seminar with 100+ participants, including event planning, speaker coordination, and technical execution management.

PROJECT

- **Ecoenzyme Training – Household Waste Utilization into Liquid Fertilizer**, trained community members in converting organic waste into eco-friendly liquid fertilizer with potential economic value. ([LINK](#))

CERTIFICATIONS & TRAINING

- **Good Manufacturing Practices Training (GMP)**, Makin Ahli, 2026.
- **Hazard Analysis and Critical Control Point Training (HACCP)**, Makin Ahli, 2026.
- **FSSC 22000 Version 7.0 (Food Safety System Certification)**, Makin Ahli, 2026.
- **ISO 22000:2018**, Makin ahli, 2026.
- **Eksklusif Training “Career Class Preparation for Better Future”**, PT Jago Karir Indonesia, 2026.
- **Public Speaking Training**, HIMAKI University of Lampung, 2022
- **Achivement Motivation Training (AMT)**, BPSDMI SMK SMT Bandar Lampung, 2019
- **Computer Training**, Cendekia Widya Yahya, 2017

SKILLS

- **Software Skill** : Microsoft Office (Power Point, Word, Excel), Mendeley, Canva, Chems sketch, Avogadro, Chemdraw, Origin, Minitab 20, Slidesgo dan Google Workspace.
- **Hard Skill** : Instrumental Analysis, Laboratory techniques (Sample preparation, Titration, Filtration, Chromatography), Data analysis and scientific report writing, Report writing (technical and scientific), Administrative and documentation management, Application of standard laboratory prosedures (SOP), Attention to detail, GMP, HACCP, ISO 22000, and FSSC 22000.
- **Soft Skill**: Analytical Thinking, Problem Solving, Critical Thinking, Attention to Detail, Accuracy, Discipline, Time Management, Data Interpretation, Reporting, Compliance Awareness, Communication, Teamwork, Responsibility, Adaptability, Reliability, and Learning Agility