

IMELDA MARSAORLINA SITUMORANG

imelda23.marsaorlina@gmail.com | (+62) 812-9450-2767 | [linkedin.com/in/imeldas](https://www.linkedin.com/in/imeldas)

Bachelor's degree in Chemistry (GPA 3.40) from Sumatra Institute of Technology (Class of 2026) with hands-on quality control experience in the pharmaceutical and manufacturing industries, supported by leadership experience in campus organizations. Proficient in chemical and microbiological testing, sample preparation, sterilization of laboratory equipment, and operation of laboratory instruments including Autoclave, Incubator, and UV-Vis Spectrophotometer. Experienced in working in accordance with SOPs, documenting test results, maintaining precision in quality control processes, and adapted well to dynamic work environments. Strong interest in contributing to quality control and analytical testing in the pharmaceutical industry. Willing to be placed in Sukabumi Manufacturing Plant, West Java.

EDUCATION

Sumatera Institute of Technology - Lampung

Aug 2021 - Apr 2026

Bachelor of Chemistry, 3.40/4.00

Thesis: Biodegradation Activity Test of Polyethylene (PE) and Polyethylene Terephthalate (PET) with *Pseudomonas fluorescens* and *Bacillus subtilis* Bacteria

WORK EXPERIENCE

PT Domus Jaya - Lampung

May 2026 – Aug 2026

Quality Control – Laboratory Staff

- Analyzed CPO quality based on 5 parameters (FFA, Moisture, PV, IV, DOBI) for 10 samples per day in accordance with established quality standards
- Operated Lovibond Tintometer for color grading of oil samples
- Documented and reported test results systematically to support production quality decisions

PT Global Onkolab Farma - Jakarta

Jun 2024 – Aug 2024

Quality Control – Microbiology Department (Internship)

- Conducted endotoxin testing on 10 pharmaceutical product samples using aseptic techniques in accordance with laboratory SOPs
- Operated the Laminar Air Flow (LAF) unit and sterilized equipment using an autoclave in accordance with laboratory SOPs
- Maintained accurate test documentation and reports to support traceability and quality audits

LABORATORY EXPERIENCE

Program Tahap Persiapan Bersama (TPB) - ITERA

Aug 2025 - Dec 2025

Tutorial and Laboratory Assistant

- Supervised 100-150 students per semester in tutorial and lab sessions for Basic Chemistry courses
- Served as the laboratory assistant coordinator, overseeing the progress, and quality of laboratory sessions across multiple classes
- Prepared chemical reagents and verified their composition prior to each testing session
- Guided students in analyzing ascorbic acid content using acid-base titration methods

ORGANIZATIONAL EXPERIENCE

Persekutuan Mahasiswa Kristen ITERA

Feb 2024 – Feb 2025

Head of Events Department

- Led and coordinated a team of 10+ members throughout program planning, execution, and evaluation
- Managed events involving 50-100 participants, ensuring all activities were completed on schedule

Duta ITERA 2023

Oct – Nov 2023

Event Management Staff

- Developed rundown for 3+ event series in alignment with the concept and timeline
- Coordinated communication between the organizing committee and performers to ensure smooth event execution

SKILLS

- **Language:** Indonesia (Native), English (TOEFL: 473)
- **Hard Skills:** Chemical and microbiological testing, aseptic techniques, isolation, titration, operation of laboratory instruments (Autoclave, Incubator, Centrifuge, pH Meters, Analytical balance, UV-Vis Spectrophotometer), media and reagent preparation, data processing and analysis (Word, Excel, PowerPoint)
- **Soft Skills:** Communication, leadership, teamwork, time management, adaptability, initiative