

# LARAS WIJATI

Lawangrejo, Pemalang, Central Java • 0813-9399-9253 • [laraswijati111@gmail.com](mailto:laraswijati111@gmail.com)

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## SUMMARY

Chemistry graduate with hands-on experience in laboratory analysis, physicochemical testing, and quality-related evaluation. Skilled in operating laboratory instruments such as UV-Vis spectrophotometer, pH meter, viscometer, and analytical laboratory equipment. Experienced in stability testing, laboratory documentation, data analysis, and Good Laboratory Practice (GLP). Proficient in Microsoft Excel and eager to grow in the cosmetic, pharmaceutical, or food industry.

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## EDUCATION

**Jenderal Soedirman University**

**Sept 2018 - Nov 2022**

Bachelor of Chemistry (GPA 3.67/4.00)

**Thesis:** “Cream Formulation and Sunscreen Activity Test of Nutmeg Oil (*Myristicia Fragrans Houtt*)”

- Formulated topical sunscreen cream using nutmeg essential oil as an active ingredient
- Conducted stability and physicochemical evaluations including organoleptic, homogeneity, viscosity, spreadability, dosage form type, and freeze-thaw cycle testing
- Determined SPF value using UV-Vis spectrophotometry analysis
- Performed laboratory testing, documentation, and data analysis following Good Laboratory Practice (GLP) principles

## WORK EXPERIENCES

**Mentor online - Kaffah Priority International Islamic Home Schooling**

**Nov 2024 - Present**

- Creating learning materials tailored to mentees' needs
- Compiling and submitting monthly progress reports
- Communicating regularly with parents regarding students' development
- Attending regular mentor upgrading and training sessions

**Natural Science Teacher - Al-Amin Junior High School**

**Jul 2022- Jan 2023**

- Taught Natural Science subjects for 7th grade students
- Prepared lesson plans and maintained daily teaching journals
- Developed examination questions and evaluated students' performance
- Managed score documentation and academic reporting
- Assisted in organizing mid-term and final examination activities

**Freelance Teacher - Nusa Course**

**Jan2022 -Sep 2022**

- Provided private tutoring for elementary students in multiple subjects
- Taught Chemistry for high school students through personalized learning approaches

## INTERNSHIP

**PT Herba Emas Wahidatama**

**Jan 2021 - Feb 2021**

- Conducted method validation of the Luff-Schoorl method for glucose determination in multiflora honey samples
- Performed decontamination and sterilization of microbiological laboratory equipment to support laboratory hygiene and contamination control procedures
- Prepared standard solutions, performed dilution techniques, and supported laboratory analytical procedures

## ORGANIZATIONS, TRAINING, AND CERTIFICATES

**Board of Supervisor of Al-Amin Islamic Boarding School** 2021-2023

- Supervised organizational and management operations
- Reviewed and evaluated annual management reports
- Monitored the implementation of institutional programs and activities

**Vice Head of Management of Al-Amin Islamic Boarding School** 2020-2021

- Coordinated organizational and administrative management activities
- Organized committees for new student admissions and annual conferences
- Led monthly evaluation meetings to monitor organizational performance

### Training & Certification

**Basic RnD in Pharmaceutical Industry (Cosmetic) – Ioda Academy** May 2026

- Learned basic cosmetic formulation and product development workflow
- Studied CPKB implementation in cosmetic industry
- Understood trial batch procedures and stability testing parameters

**Food Safety and Quality in Food Industry – Ioda Academy** May 2026

- Learned the principles of Food Safety and Food Quality in food manufacturing systems
- Identified biological, chemical, and physical hazards in food production processes
- Studied Critical Control Point (CCP) determination and monitoring procedures

**Excel Bootcamp (Basic to Advance) – Myskill** Feb-March 2026

- Performed data formatting, cleansing, and data validation using Microsoft Excel
- Applied IF formulas, VLOOKUP, INDEX MATCH, and Pivot Table for data processing and analysis

**Quality Assurance (QC) in Food Industry – Makin Ahli** Feb 2026

- Understood QC Incoming, In-Process, and Outgoing systems in food industry
- Studied microbiology, physicochemical, and sensory laboratory testing procedures
- Learned the basic implementation of GLP, PDCA cycle, and quality control documentation

**Quality Control (QA) in Food Industry – Makin Ahli** Feb 2026

- Learned the roles and responsibilities of Quality Assurance in food manufacturing systems

### Achievement

#### 2020

- 1st Winner, 10 Juz Quran Memorization Competition (Women Category) – MTQM Unsoed
- Awardee of Adaro Foundation Scholarship (2020-2022)

#### 2019

- 1st Winner, 5 Juz Quran Memorization Competition (Women Category) – MTQM Unsoed
- Runner-Up, Quran Recitation Competition (Women Category) – MTQM Unsoed
- 2nd Runner-Up, Quran Recitation Competition – MAFAZA
- Outstanding Student in Religious Field – Faculty of Mathematics and Natural Sciences

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## SKILLS

- **Laboratory Instruments:** UV-Vis spectrophotometer, pH meter, Brookfield viscometer, distillation apparatus, volumetric glassware, analytical balance
- **Hard Skills:** Microsoft Office (Word, Excel, PowerPoint), Google Workspace (Docs, Sheets, Slides), Canva
- **Soft Skills:** Leadership, teamwork, time management, problem solving, critical thinking, public speaking, discipline, adaptability
- **Languages:** Indonesian (Native), English (IELTS: 6.5)