

DELLA DEWANDA

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Fresh Chemistry graduate with hands-on laboratory experience in operating analytical instruments, preparing standard solutions, and performing sample preparations using validated methods. Detail-oriented with strong analytical skills in analyzing laboratory data, ensuring accuracy, consistency, and SOP compliance, and proficient in using Microsoft Office for data recording and documentation. Able to work collaboratively in team environments, highly motivated and eager to learn, and committed to delivering reliable and high-quality laboratory work.

EDUCATION

State University of Jakarta

Jakarta

Bachelor of Science in Chemistry

Graduation date: February 2025

- **GPA:** 3.61 / 4.0
- **Relevant Coursework:** Qualitative and Quantitative Analytical Chemistry, Material Characterization Methods, Industrial Analytical Chemistry and Laboratory Management

WORK EXPERIENCE

State University of Jakarta

Jakarta

Laboratory Assistant

February 2024 – June 2024

- Guided and coordinated students during chemistry lab sessions, ensuring compliance with safety protocols and structured procedures.
- Prepared, set up, and verified the readiness of laboratory instruments, glassware, and reagents for 7 chemistry experiments, ensuring precision, consistency, and proper documentation.
- Reviewed and evaluated 7 student practicum reports, providing analytical feedback to improve data interpretation, result accuracy, and scientific reporting quality.

State University of Jakarta

Jakarta

Teaching Assistant of Qualitative and Quantitative Analytical Chemistry

September 2023 – January 2024

- Reviewed course materials and developed 5 structured problem sets for 36 students, strengthening analytical thinking, accuracy, and systematic problem-solving skills.
- Assisted the lecturer in evaluating 36 student submissions, including assignments and midterm exams, according to the lecturer's guidelines.
- Completed 100% of assigned academic tasks on schedule while maintaining precision and reliability in supporting course delivery.

Pusat Promosi dan Sertifikasi Hasil Pertanian DKPKP Jakarta

Cibubur, Jakarta

Chemical Analyst Intern

July 2023 – November 2023

- Operated GC-MS and HPLC instruments to test approximately 100 agricultural product samples, prepared over 20 working standard solutions, and conducted sample preparation using QuEChERS in compliance with validated methods to ensure analytical accuracy, reliability, and consistent results.
- Recorded, organized, and analyzed test data using Microsoft Excel, ensuring accurate interpretation in full compliance with SOPs; contributed to reliable reporting and regulatory alignment.
- Conducted collaborative on-site testing at local markets for around 300 agricultural product samples (pesticide residues, formalin, chlorine in rice) using rapid test kits, ensuring accurate detection and timely reporting.

ADDITIONAL EXPERIENCE

Chemistry Student Executive Board UNJ

Jakarta

Staff KOMINFO

February 2021 – February 2022

- Led planning and approval of recurring content (“Ada Apa Hari Ini” and “Molecule of the Week”), ensuring compliance with visual standards, accuracy and on-time execution.
- Reviewed and verified 8–10 weekly broadcast messages and posters, maintaining consistency, data accuracy, and compliance with established guidelines.

- Designed standardized Instagram feed templates using Canva, ensuring consistent branding and clear communication.

SKILLS & ACTIVITIES

Languages: English (Intermediate)

Technical Skills: HPLC, GC-MS, ChemDraw, Origin, MS Office

Certificate & Training: Introduction to SNI ISO/IEC 17025: 2017 - LabMania (2023), Validation and Verification of Chemical Testing Methods Based on SNI ISO/IEC 17025:2017- LabMania (2023), Training Course "Shimadzu UV-1900i & IRSpirit-X Operational Training" by PT Ditek Jaya (2024)

Activities: P2M - KKN Conducted training and implemented chemical handling practices to improve laboratory performance in Senior High Schools laboratories under the MGMP Chemistry network (East Jakarta Region I) (2022)