

NIKEN AULIA PRAMUDITA

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Bekasi City, Indonesia

Quality-focused Chemistry graduate who believes that continuous learning and disciplined laboratory practices are essential to producing reliable and consistent results. Equipped with hands-on experience in formulation development, material synthesis, and analytical characterization within academic and national research facilities. Trained in ISO 17025, ISO 9001, ISO 14001, ISO 45001, and SMK3. Seeking to contribute to laboratory trials, raw material testing, and product development in R&D department.

EDUCATION

Diponegoro University, Semarang

Aug 2021–Jun 2025

Bachelor of Science, Chemistry

GPA 3.69 / 4.00

- Relevant Coursework:** Instrumental Analytical Chemistry, Chemometrics, Research Design, Medical Biochemistry, Laboratory Safety, Chemical Information Management.
- Thesis:** Conducted controlled formulation trials and analytical characterization across 20+ experimental datasets, evaluating material interactions and structural properties using FTIR, PSA, XRD, UTM, FESEM-EDX.

WORK EXPERIENCE

Diponegoro University, Semarang

Feb 2025–Dec 2025

Research Assistant (Lecturer Supervision)

- Conducted extensive literature reviews, analyzing 30+ reputable scientific publications to support research direction.
- Demonstrated strong report writing and documentation skills by drafting and revising 3 critical scientific sections (Introduction, Methodology, and Results) for academic publication.

Diponegoro University, Semarang

Jan 2025–Jun 2025

Physical Chemistry Laboratory Assistant

- Monitored the implementation of SOPs and laboratory safety across 30+ students, achieving zero safety incidents over a 5-month period.
- Verified and cross-checked 15+ experimental reports per cycle to ensure data accuracy, completeness, and traceability.
- Contributed to standardization of 2 core laboratory procedures to improve clarity and reproducibility of experiments.

National Research and Innovation Agency (BRIN), South Tangerang

Feb 2024

Research Assistant

- Conducted high-precision analytical testing and material characterization using FTIR, EIS, and LSV, within a national-level research environment.
- Supported method experimentation through formulation trials to improve material conductivity.
- Ensured consistent compliance with national research facility documentation standards for data recording and sample handling.

CERTIFICATIONS & TRAININGS

- Quality & Regulatory:** Quality Control & Quality Assurance Technical Training (Sep 2025); FSMS Integration – ISO 22000, HACCP, GMP & SSOP (Sep 2025), QHSE Integration – ISO 9001, ISO 14001, ISO 45001, SMK3 (Sep 2025); Integration of Halal, SNI & BPOM Regulations (Oct 2025).
- Laboratory & Data Skills:** Laboratory Management System – ISO 17025 (Oct 2025); Microsoft Excel – Basic & Intermediate (Sep – Oct 2025).
- Language:** TOEFL ITP Prediction – Score 597 (Oct 2025).

TECHNICAL SKILLS

- Documentation & Data Tools:** Microsoft Office (Word, Excel, & PowerPoint), OriginLab, ChemDraw.
- Core Competencies:** Eagerness to learn, analytical thinking, attention to detail, adaptability, teamwork, follow-up discipline.

ORGANIZATIONAL EXPERIENCE

Community Service Program, Pemalang

Jul 2024–Aug 2024

Head of Publication and Documentation Division

- Developed adaptability and collaboration skills through interdisciplinary teamwork and community engagement.