

KENITA HUPEZA

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Tangerang, Banten

I am a Bachelor of Chemistry graduate from University of Lampung (GPA 3.71/4.00) with a strong background in laboratory analysis, chemical synthesis, and research. Through my internship and academic research, I gained hands-on experience in UV-Vis spectrophotometry, GC-MS and XRD data analysis, chemical synthesis, and catalyst-related research. My experience as a Physical Chemistry Laboratory Assistant also strengthened my communication, teamwork, and problem-solving skills. I hold certifications in GMP/CCPOB, and SNI ISO 22000:2018 Food Safety Management System. With a combination of technical knowledge, analytical skills, and leadership, I am the strongest candidate for the chemical industry and material research field.

EDUCATION

University of Lampung

2022 - 2026

- Bachelor of Chemistry
- GPA: 3.71/4.00 | Certificate of Graduation and Transcript ([s.id/1ynRS](#))
- Proficient in catalyst synthesis and characterization for chemical processes.

WORK EXPERIENCE

Lab Assistant | Physical Chemistry I and II ([s.id/w8ij6](#))

Oct 2025 - Apr 2026

Department of Chemistry, Universitas Lampung

- Guided students in understanding physical chemistry concepts, experimental procedures, and laboratory techniques.
- Supervised practical sessions, ensured laboratory safety, and evaluated students' understanding through reports and experimental results.
- Prepared and organized laboratory materials and equipment while ensuring instruments were properly maintained and ready for use.

Water Quality Laboratory | Balai Besar Perikanan Budidaya Laut (BBPBL) Lampung ([s.id/2QYOc](#))

Jun - Aug 2025

- Conducted water sampling and water quality analysis of seawater samples, particularly total ammonia nitrogen ($\text{NH}_3\text{-N}$), using UV-Vis spectrophotometry based on SNI 19-6964.3-2003.
- Prepared samples, reagents, and standard solutions for ammonia analysis and performed measurements at 640 nm.
- Developed calibration curves, performed regression analysis, and evaluated relative percent difference (RPD) between duplicate measurements to assess analytical precision.
- Documented results and prepared laboratory reports following established procedures.

PROJECT EXPERIENCE

Research | Final Project

Oct 2025 - Jun 2026

- Synthesized nitrogen-containing compounds from palm oil methyl ester through amidation using zeolite-based catalysts for application as corrosion inhibitors.
- Compared different catalyst systems to identify the most effective catalyst for the synthesis process.
- Evaluated corrosion inhibition performance on mild steel in a CO_2 -saturated medium using the wheel test method.
- Analyzed experimental data to examine the influence of process parameters on catalyst performance, product formation, and corrosion inhibition efficiency.
- Applied research methodology, scientific literature review, experimental planning, and data interpretation throughout the research process.

Oleochemical Industry Course, University of Lampung

Teser | Solid Soap

Feb - Apr 2023

- Developed a solid soap product incorporating dried butterfly pea flower powder with lemongrass aroma as part of an oleochemical industry project.
- Applied principles of oleochemical chemistry and saponification throughout the soap-making process.
- Contributed to the project from formulation and soap production to packaging and final product preparation.
- Collaborated with team members throughout the product development process, from formulation to final presentation.

ORGANIZATIONAL EXPERIENCE

PMPAP Student Association (FORMA PMPAP) - University of Lampung

Head of Interest and Talent Development Department ([s.id/4MY0p](#))

Apr 2024 - Apr 2025

- Led a team of 11 members and successfully implemented 100% of the department's 4 planned programs, comprising 6 activities throughout the organizational period.
- Coordinated program implementation from planning to evaluation, ensuring all activities were carried out according to the department's work plan.
- Collaborated with team members and other departments to support the smooth execution of departmental activities.

Member of Interest and Talent Development Department ([s.id/U1zmk](#))

Mar 2023 - Mar 2024

- Contributed to the planning and implementation of departmental programs and organizational activities in collaboration with team members.

CERTIFICATE

- Certificate of Competence - BSN, GMP/CCPOB ([s.id/kOAUQ](#)).
- Certificate of Competence - BSN, SNI ISO 22000:2018 ([s.id/eTbqQ](#)).
- Certificate of English Proficiency - TOEFL Score 453 ([s.id/LSC9v](#)).

PERSONAL SKILL

Soft Skills : Detail Oriented, Problem Solving, Analytical Thinking, Documentation, Communication Skills, Leadership, Coordination, Teamwork, Adaptability, Attention to Detail, Time Management.

Hard Skills : Microsoft Office, Laboratory Techniques, UV-Vis Spectrophotometry, XRD and GC-MS Data Analysis, Chemical Synthesis, Data Processing and Interpretation, Instrumental Analysis, Basic Polymer Chemistry, Reaction Mechanisms, Catalysis & Material Synthesis.

Languages : Indonesian (Native), English (Intermediate).