

MEIZALUNA KHAIRUNNISA

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ABOUT ME

A graduate of Chemistry study program with experience in Research and Development and Laboratory analysis. Adaptable, flexible, communicative, and able to work both individually and in teams. Have a strong interest in contributing to research, innovation, and quality development in the chemical industry.

WORK EXPERIENCE

Quality Control Analyst Intern at PT. Actavis Indonesia (July – August 2024)

- Responsible for assisting in the analysis of drug samples using various standardized methods
- Perform sample analysis using analytical instruments, such as HPLC, UV-Vis Spectrophotometer, AAS.
- Operate several tools for sample analysis such as dissolution test, disintegration test, distillation test.
- Have successfully reported the results of internship activities in the form of a verification report on the method of determining the level of diazepam as raw material and determining the level of active ingredient diazepam in diazepam tablet drug preparation.

Laboratory Analyst at PT. Haloni Jane Tbk (September 2025 – Now)

- Responsible for routine analysis of chemical material that used in latex production such as TSC, Carbonate, Nitrate, Acid, Alkaline, and CTR
- Responsible for analysis other chemical material from pre – latex production
- Responsible for routine analysis of latex gloves finished good such as moisture content, powder content, and tensile strength
- Operate tensile machine for analysis tensile strength of latex gloves
- Analysis raw latex such as TSC, MST, DRC, VFA, Viscosity, Density, Ammonia, KOH number, and Mg
- Reporting analytical result

RESEARCH EXPERIENCE

Performance Study of Aluminum-Aluminum (Al-Al) Electrodes on the Removal of Remazol Black B Dye by Electrocoagulation (February – June 2025)

- Formulating the background to the research work method
- Work on the principle of electrochemistry, coagulation, and flocculation
- Using UV-Vis Spectrophotometer instrument for compound analysis.
- Studying the effect of several electrocoagulation factors on the removal of Remazol Black B dye.

Formulation of Body Lotion SPF from Shallot Skin with the Addition of Essential Oils for Aroma (August–December 2024)

- Studying the content of active compounds in shallot skin that act as SPF
- Making body lotion formulations with shallot skin raw materials
- Studying and standardizing body lotion products with SNI 16-4399-1996

Making of Biodiesel from Rice Bran using Esterification Method with Hydrochloric Acid Catalyst (May – June 2024)

- Studying the content of rice bran that can be utilized as biodiesel
- Using maseration extraction method and esterification method in the making process
- Testing biodiesel products according to the parameters of biodiesel in Indonesia

EDUCATIONAL HISTORY

Brawijaya University

(August 2021 – July 2025)

Chemistry – GPA 3.51/4.00

- Focusing on the field of Analytical Chemistry through Basic Analytical Chemistry courses, Instrumentation Chemical Analysis, Electroanalysis and Separation Chemistry, and Analytical Chemistry Practicums
- Actively involved in the Chemistry Student Association and Fordi Mapelar Student Activity Unit
- Thesis : Performance Study of Aluminum-Aluminum (Al-Al) Electrodes on the Removal of Remazol Black B Dye by Electrocoagulation

67 Jakarta Senior High School

(July 2018 – May 2021)

Science – 89.71/100.0

- Participating in women's futsal extracurricular

ORGANIZATIONAL EXPERIENCE

Staff of Students Resources and Development Division at Chemistry Student Association of Brawijaya Chemistry (February 2022 - January 2023)

- Responsible for the Softskill Catalyst work program such as making content about softskill every month on official account HMK UB
- Responsible for collecting data on chemistry students who are joined on campus student organizations

Expert Staff of Students Resources and Development Division at Chemistry Student Association of Brawijaya Chemistry (February – December 2023)

- Responsible for the Department of Campus Life Introduction (PK2D) work program such as making the Grand Design of the event and Open Recruitment of PK2D Committee
- Responsible for the development of the committee and also new students through instilling values in PK2D
- Assist the Head of Division in managing, organizing, and developing the internal division

COMMITTEE EXPERIENCE

Deputy Coordinator of Event Division at 41st Kaderisasi Fordi Mapelar **2022**

- Developing detailed event concepts and techniques for the recruitment of new Fordi Mapelar members.
- Assist the head of the event division in managing 7 event staff in executing the concept and running the event effectively.

Steering Committee at Department of Campus Life Introduction **2023**

- Provide direction and input to event staff and facilitators in developing event concepts and technicalities
- Manage and direct 15 event staff and facilitators in executing the concept and running the event effectively.

AWARD

3rd Place Science Cup In The Field Of Entrepreneurship Student Creativity Week **2021**

ABILITY

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- Technical ability: Ms. Word, Ms. Excel, Ms. Power Point, Spectrophotometer UV-Vis, FT-IR, HPLC, Tensometer
 - *Soft skills: problem solving, leadership, teamwork, Flexibility*
 - Language: Indonesia (Active), English (Passive)