

MEIZALUNA KHAIRUNNISA

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ABOUT ME

Chemistry graduate with hands-on experience in laboratory analysis, quality control, and research and development project. Adaptable, detail-oriented, and able to work effectively both independently and in team environments. Passionate about contributing to research, innovation, quality, and analytical development.

WORK EXPERIENCE

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

- Assisted in the analysis of pharmaceutical samples using standardized analytical procedures
- Performed sample analysis using analytical instruments including HPLC, UV-Vis Spectrophotometer, and AAS
- Operated analytical equipment including dissolution, disintegration, and distillation testing instruments
- Prepared a verification report on diazepam assay method for raw materials and tablet dosage forms.

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

- Conduct routine analysis of chemical material used in latex production including TSC, Carbonate, Nitrate, Acid, Alkaline, and CTR
- Perform analytical testing for pre – latex production materials
- Analyze finished latex glove products including moisture content, powder content, and tensile strength
- Operate tensile testing machine to evaluate latex gloves quality parameters
- Conduct raw latex analysis including TSC, MST, DRC, VFA, Viscosity, Density, Ammonia, KOH number, and Magnesium content
- Prepare and report analytical test result accurately and timely manner

RESEARCH EXPERIENCE

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

- Formulated the background to the research work method
- Worked with the principle of electrochemistry, coagulation, and flocculation
- Analyzed compounds using UV-Vis Spectrophotometer instrument
- Investigated 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)

- Investigated active compounds in shallot skin with potential SPF properties
- Developed body lotion formulations using shallot peel extract
- Evaluates and standardized body lotion products based SNI 16-4399-1996 standards.

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

- Investigated compounds in rice bran with potential biodiesel properties
- Produced biodiesel using maceration extraction and esterification method
- Evaluated and standardized biodiesel products based on parameters of biodiesel in Indonesia

EDUCATIONAL HISTORY

Brawijaya University

(August 2021 – July 2025)

Chemistry – GPA 3.51/4.00

- Specialized in Analytical Chemistry through coursework Basic Analytical Chemistry, Instrumental Chemical Analysis, Electroanalysis and Separation Chemistry, and Analytical Chemistry Laboratory
- Actively participated in student organizations including 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

- Participated 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)

- Created monthly soft skill educational content "Softskill Catalyst" content for official social media platforms
- Managed and compiled student organizational participation data

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 including 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
- Assisted Head of Division in managing, organizing, and developing the internal division

COMMITTEE EXPERIENCE

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

- Developed detailed event concepts and technical execution for recruiting new Fordi Mapelar members.
- Assisted 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**

- Provided input and suggestions to event and facilitators staff in developing event concepts and technicalities
- Managed and directed 15 event and facilitators staff in executing the concept and running the event effectively.

AWARD

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

SKILLS

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- Laboratory Instruments: Spectrophotometer UV-Vis, FT-IR, HPLC, Tensile Testing Machine
 - Software: Microsoft Excel, Microsoft Word, Microsoft Power Point
 - Soft skills: Problem solving, Leadership, Teamwork, Flexibility, Adaptability
 - Language: Indonesia (Native), English (Intermediate)