

Syaikha Muthia Hasya

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SUMMARY

Fresh graduate of Bachelor of Chemistry, Semarang State University with experience in research at BRIN RI and laboratory analysis at LEMIGAS. Beside that, I have skilled data analysis, sample testing and preparation, laboratory documentation, use of laboratory instruments, report preparation, research results processing, and application of Good Laboratory Practice (GLP). Proficient in Microsoft Office, especially Microsoft Word, Excel, and Power Point for data processing and reporting, manage data, presentation purposes, and compile reports systematically and accurately. I have strong analytical skills, good communication skills, adaptable, and able to work individually and in a team to support project research and reporting needs. Accustomed to working meticulously in a laboratory environment and able to support Quality Control, Quality Analysis, and product testing activities.

EDUCATION

SEMARANG STATE UNIVERSITY (2021 - 2025)

Bachelor of Chemistry – GPA 3.71 (Cum Laude)

- Thesis: Isolation and Characterization of Active Secondary Metabolite Compounds from Fermentation Results of Endophytic Fungi from Pirdot Plant Bark (*Saurauia vulcani* Korth.) and Antibacterial Activity Test.

MAN 1 Tangerang City

Science Department – 82,43

WORK EXPERIENCES

CPOTB – National Research and Innovation Agency (BRIN RI)

(Jan 2025 – Aug 2025)

Research Analyst

- Preparing, testing, and analyzing laboratory samples according to work procedures.
- Conducting analyses using HPLC, LC-HRMS, UV-Vis Spectrophotometry, and NMR instruments.
- Conducting systematic recording of laboratory research data and documentation
- Maintaining a clean laboratory work area and ensure equipment is ready for use.
- Implementing Good Laboratory Practice (GLP) and aseptic work techniques during the testing process.

LEMIGAS Research and Development Center of Oil & Gas Technology

(Feb 2024 – July 2024)

Laboratory Analyst Intern of Crude Oil Processing

- Performing sample preparation according to testing procedures.
- Operating AAS and XRF instruments for metal analysis in samples.
- Assisting in laboratory sample quality testing according to SOPs.
- Supporting laboratory testing using UV-Vis Spectrophotometry, GC-FID, and FTIR.
- Understanding the basics of Good Laboratory Practice (GLP), documentation, and reporting of laboratory analysis results.

Mini Research Project – Citronella Essential Oil as Floor Disinfectant

(Aug 2023 – Oct 2023)

Member of the Project Team

- Preparing the materials and tools and carry out steam distillation for essential oil extraction.
- Creating a product formulation for floor cleaning liquid from citronella essential oil.
- Conducting product quality evaluation through phytochemical tests, antibacterial activity, pH, and alkali tests free.
- Performing simple formulation optimization for product stability and effectiveness.

ORGANIZATION EXPERIENCES

MIPA English Club (Feb 2023 – Jan 2024)

Treasurer

- Manage organizational budget and monthly financial reports, also coordinate with members in implementing organizational activities.

Curriculum Coordinator Division (Oct 2023 – Nov 2023)

- Develop learning modules and coordinate with teaching teams.

Himpunan Mahasiswa Kimia UNNES

Companion Division, Opening Stronsium XXXI (Sept 2022)

- Delivering information and reminding new students about the timeline into groups for coordination.

Member of the Student Relations Division, Student Essay Competition (Mar 2022 – Aug 2022)

- Controlling social media, distributing invitation letters and contacting invited guests, also purchasing and sending souvenirs for reviewers and judges.

Public Relations Division, Chemistry Month Celebration 2021 (Nov 2021)

- Contacting invited guests and creating a communication network to invite invited guests and briefing text.

Person In Charge Ratoh Jaroe Competition, Islamic Creative Competition 1442 H (Sept 2020)

SKILLS

Technical Skills

- Sample Preparation
- Laboratory Testing
- Laboratory Documentation
- Laboratory Analysis
- Quality Control
- Instrument Operation : AAS, XRF, UV-Vis
- GLP (Good Laboratory Practice)
- Data Analysis
- Data Processing & Reporting
- Administration Skill : Microsoft Word, Microsoft Power Point, dan Microsoft Excel
- Report Preparation
- Language : Indonesian – Fluent, English – Professional Working

Soft Skills

- Teamwork
- Time Management
- Adaptive
- Continuous Learning
- Detail-Oriented
- Critical Thinking
- Analytical Thinking