

SALSA SALOMA PUTRI

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Chemistry graduate from IPB University with expertise in analytical chemistry, quality control, and laboratory techniques, experienced in proximate analysis, method validation, and method development using advanced instruments (HPLC, GC, UV-Vis, Raman, SEM-EDX). Certified in ISO 22000, ISO 9001, GMP, HACCP, SSOP, and QC Tools, with strong attention to detail, systematic approach, and commitment to accuracy and compliance. Ready to contribute to enhancing product quality and process innovation in QC and R&D roles.

EDUCATION

Institut Pertanian Bogor

Aug 2020 - Aug 2024

Bachelor of Science (S.Si), Chemistry; Cumulative GPA: 3.36/4.00

- Concentration: Analytical Chemistry; Electrochemical Sensor and Nanomaterials
- Thesis: Graphene-modified carbon electrode for bisphenol A detection
- Developed and verified a new method and evaluated the performance of an electrochemical sensor based on a carbon electrode modified with graphene in detecting bisphenol A in gallons of polycarbonate.

WORK EXPERIENCES

Analytical Chemistry Laboratory, Department of Chemistry, IPB University

Laboratory Assistant

Oct 2023 - Jun 2024 [On Site; Contract]

- Improved the ability of practitioners in electroanalytical practicum to operate potentiometers, conductometers, and potentiostats, complete with how to calibrate them and analyze data using Microsoft Excel and Origin software
- Analyzed caffeine levels in beverages by high-performance liquid chromatography (HPLC), and separated toluene and xylene by gas chromatography (GC) with a flame ionization detector (FID)

Balai Besar Standardisasi dan Pelayanan Jasa Industri Selulosa

Laboratory Analyst

Jun 2023 - Aug 2023 [On Site; Intern]

- Controlled sample quality by conducting proximate analyses following standard methods, including accurately measuring moisture content (SNI 03-3984-1995), lignin content (SNI 8429:2017), and carbohydrate content (SNI 8400:2017)
- Validated and verified analytical methods for lignin and total carbohydrate content using titrimetric and statistical methods per standard methods and laboratory SOPs

Chemistry Laboratory, Directorate of General Competency Education, IPB University

Laboratory Assistant

Aug 2021 - Jun 2022 [On Site; Contract]

- Trained in basic and advanced laboratory techniques, such as titrimetry, gravimetry analysis, and spectrophotometry, to ensure an in-depth understanding and accuracy in analytical procedures
- Manage laboratory equipment and guide lab work in accordance with SOPs to precise and accurate data analysis

PT Pendidikan Ganesha Operation

Chemistry Teacher

Nov 2024 - now [On Site; Full Time]

- An analytical and systematic approach is applied to ensure accuracy and clarity in explaining complex chemical processes, as well as demonstrating precision and reliability in completing tasks.
- Consistently monitoring and evaluating the performance results of 200+ students, with an emphasis on attention to detail, documentation, and process validation in accordance with quality standards.

ORGANIZATION EXPERIENCES

Hyperchem 2022 (Chemistry Sports and Arts Competition)

Head of The Events Division

Jan 2022 - Apr 2022 [Hybrid]

- Led cross-functional meetings and coordinated workflows involving 50+ participants, ensuring systematic execution of projects from planning to completion.
- Collaborated with team members to develop and implement structured schedules and detailed work plans, emphasizing precision, efficiency, and clear allocation of responsibilities.
- Monitored and evaluated workflows across multiple sub-teams, ensuring compliance with planned procedures, timely execution, and alignment with established objectives.

CERTIFICATION

- Quality Control Training [Link](#)
- ISO 22000:2018 Food Safety Management System Training [Link](#)
- Good Manufacturing Practice (GMP) Training [Link](#)
- Sanitation Standard Operating Procedures (SSOP) [Link](#)
- Hazard Analysis Critical Control Points (HACCP) Training [Link](#)
- Tools of Quality Control Training [Link](#)
- Food Label based on BPOM Newest Regulation [Link](#)
- Handling complaint and product reject by QC Training [Link](#)
- ISO 9001:2015 Quality Management System Awareness Training [Link](#)
- ISO 14001:2015 Environmental Management System Training [Link](#)
- ISO 45001:2018 Occupational Health and Safety (OH&S) Management System [Link](#)
- Occupational Safety and Health Management System Government Regulation No 12 of 2012 [Link](#)
- Leadership and Time Management [Link](#)

ADDITIONAL INFORMATION

- **Laboratory Techniques:** Skilled in using UV-VIS Spectrophotometer, GC, HPLC, Raman spectroscopy, SEM-EDX, TEM, titrimetric, and gravimetric analysis
- **Quality Management:** Experienced in quality control processes and compliance with standards
- **Technical:** Familiar with computer skills such as Microsoft Office, Google Workspace, OriginPro, PSTRace, Chemdraw, and Canva
- **Soft Skill:** Effective and active communication, Problem solving, Leadership, Time management, Detail-oriented, Analytical Skill, and Adaptive
- **Achievement:** Finalist in the National Scientific Writing Competition in the Field of Technology Development, organized by MIPA EXPO XV 2021 Riau University
- **Language:** Indonesia (Proficient), English (Intermediate)