

SUMMARY

Analytical Chemistry graduate with hands on experience in laboratory and manufacturing environments, including quality control, analytical testing, and process monitoring. Familiar with instruments such as GC, HPLC, AAS, and UV-Vis Spectroscopy, and basic implementation of GMP and laboratory practices. Strong attention to detail with the ability to ensure data accuracy and support cross functional teams in testing and process improvement.

EDUCATION

Politeknik AKA Bogor

2022 - 2026

Diploma in Analytical Chemistry

- Final Project, Validation of Analytical Method for Determination of 1,4-Dioxane in Fatty Alcohol Ether Sulphates using Headspace Gas Chromatography Flame Ionization Detector at PT BASF Care Chemicals Indonesia.

PROFESSIONAL EXPERIENCE

PT. SINAR ALFA OMEGA

Jul 2025 – Aug 2026

Quality Control Staff

- Performed in-process quality control during production, including pH and viscosity testing of bulk products prior to filling, as well as weight verification and leak testing during filling.
- Conducted inspection of raw materials, packaging materials, and product sampling to ensure compliance with quality standards.
- Monitored machine sanitation readiness before production and ensured adherence to GMP procedures.
- Prepared and maintained reports on production inspections and quality results.
- Collaborated with R&D and production teams to address quality issues and support process improvements.

PT. BASF Care Chemicals Indonesia

Feb 2025 - Jun 2025

QA/QC Intern

- Operated analytical instruments including GC, HPLC, UV-Vis, pH meter, autotitrator, spectrophotometer, viscometer, and NIR.
- Performed sampling of raw materials, finished surfactant products (e.g., Softex), demineralized water, and process water to ensure compliance with quality standards.
- Conducted quality testing of process water, monitoring parameters such as pH, conductivity, and microbial content.
- Analyzed 15-20 samples per shift to ensure product compliance and quality consistency.
- Calibrated instruments and ensured adherence to ISO and internal validation procedures.
- Collaborated with production teams to issue Certificates of Analysis (CoA) and maintain product quality consistency.
- Reviewed CoAs to ensure alignment with customer specifications.
- Assisted in preparing and reviewing GMP documentation and batch records.

ORGANIZATIONAL EXPERIENCE

BEM IMAKA

2024 - 2025

Minister of Communication and Information

- Acted as Steering Committee for multiple major events: Akapresiasi, BEM Goes To, Expo Komunitas, Editing Training, and Public Speaking Workshop.
- Led a team of staff in executing media strategies, internal communications, and content development.
- Oversaw the planning and implementation of digital campaigns to support organizational outreach.

Eksperimen Kimia

2023 - 2024

Staff of Media and Information

- Designed and published promotional content to support educational and scientific activities.
- Collaborated in team-based projects to enhance the organization's engagement through social media and other communication platforms.
- Assisted in visual documentation and event coverage for internal and external communications.

PROJECTS

Community Engagement Program – Politeknik AKA Bogor

Project Participant and Device Developer

- Designed and assembled an Industry 4.0-based ozonizer integrated with IoT and CO₂ sensor for small-scale food sterilization.
- Delivered technical training on device operation and sterilization benefits to local food industries and residents.
- Applied technological innovation to support community hygiene improvement and industrial practices.

CERTIFICATIONS & TRAININGS

Competency Certification in Chemical Analysis - Atomic Absorption Spectrophotometry (AAS) 2026

BNSP Competency Certification | LSP Politeknik AKA Bogor

Declared Competent in chemical analysis using Atomic Absorption Spectrophotometry (AAS), including sample preparation, instrument operation, calibration, quality control, data interpretation, and laboratory safety practices.

ISO 9001:2015 – Quality Management System 2024

Awareness Training | Politeknik AKA Bogor

Gained understanding of quality management principles, documentation, continual improvement, and internal audit concepts.

ISO 14001:2015 – Environmental Management System 2024

Introductory Training | Politeknik AKA Bogor

Learned environmental risk identification, compliance obligations, and sustainable operational practices.

ISO 22000:2018 – Food Safety Management System 2024

Awareness Training | Politeknik AKA Bogor

Covered key topics in food safety, hazard analysis, critical control points (HACCP), and preventive measures in the supply chain.

ISO 17025:2017 – Laboratory Management System 2025

Awareness Training | Makin Ahli

Gained understanding of laboratory management system requirements, competence of testing and calibration laboratories, method validation, measurement uncertainty, equipment calibration, documentation, and internal auditing.

Achievement Motivation Training (AMT) 2023

Motivational Development Program | Politeknik AKA Bogor

Enhanced self-leadership, goal-setting, and resilience to support academic and professional growth through mindset and personal development exercises

TECHNICAL SKILLS

- Analytical Instruments: Proficient in operating AAS, GC, HPLC, UV-Vis, FTIR, pH Meter, Autotitrator, Spectrophotometer, Viscometer, and NIR for precise measurement and analysis in laboratory settings.
- Laboratory Techniques: Experienced in performing titration, spectroscopy, and chromatography for qualitative and quantitative analysis, ensuring accuracy and reliability of results.
- Documentation: Skilled in maintaining GMP Compliance, reviewing CoA, QA/QC reporting, and providing audit support to ensure quality control and regulatory adherence.

ADDITIONAL SKILLS

- Soft Skills: Analytical and critical thinking, communication, attention to detail, time management, task prioritization, adaptability, ability to learn in fast-paced environments.
- Software: Microsoft Office Suite (Word, Excel, and PowerPoint), Google Workspace (Docs, Sheets, and Drive).
- Languages: Indonesian (Native), English (Intermediate).