

ALIFIA PUTRI RASYA

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Chemical Analyst graduate from SMK-SMAK Bogor, holding competency certifications in conventional, instrumental, and microbiological analysis. Experienced as a QA/QC Intern at PT BASF Care Chemicals Indonesia, performing routine testing, quality inspections, and data reporting. Skilled in operating HPLC, GC, AAS, and UV-Vis Spectrophotometer, supported by solid understanding of GLP, GMP, ISO 17025, and OHS/K3.

EDUCATION

SMK-SMAK Bogor

Major in Analytical Chemistry (87.96/100)

July 2022 - June 2026

WORK EXPERIENCE

PT BASF Care Chemicals Indonesia

QA/QC Analyst (Internship)

Nov 2025 - Apr 2026

- Performed physical and chemical testing on various raw materials, in-process products, finished goods, and stability samples in accordance with SOPs to ensure quality compliance.
- Executed quality testing for the Water Treatment Process (WTP), including pH, conductivity, and chlorine levels to ensure optimal plant operations and environmental standards.
- Operated analytical instruments (HPLC, GC, UV-Vis, NIR, and Karl Fischer) for daily analysis.
- Prepared reagents, verified laboratory equipment, and supported 5S & GLP implementation.
- Assisted with final quality inspections, packaging label verifications, and document reviews.
- Documented test results and managed data entry in Excel to ensure batch traceability.
- Communicated non-conforming data to senior analysts and collaborated on executing corrective actions, such as batch reworks or process adjustments (laboratory scale).

PROJECT AND ACHIEVEMENT

Development of Fruit and Vegetable-Based Liquid Multivitamin

Technical Contributor

Apr - Oct 2025

- Formulated liquid multivitamins through trials to achieve active component specifications, product stability, customer acceptance, and packaging design requirements.
- Executed physical, chemical, and microbiological testing according to BPOM standards, and managed project documentation and reports.

Instrumental Laboratory Practicum

Team Leader

Feb - May 2025

- Coordinated a team of 4 during instrumental analysis practicals (FTIR, UV-Vis, AAS), ensuring execution in compliance with Work Instructions (WI) and laboratory safety standards.
- Achieved the "Best Team" award with a 99.1% average quiz score in ethyl acetate qualification and quantification via FTIR Spectrophotometry ($R^2 = 1.0000$, RPD = 4.04%).
- Executed simultaneous analysis of paracetamol and caffeine using UV-Vis Spectrophotometry with high linearity and precision ($R^2 = 0.9999$, RPD = 1.59%).

ORGANIZATIONAL EXPERIENCE

Teaching Factory SMK-SMAK Bogor

Production Staff

Dec 2024 - Oct 2025

Collaborated in end-to-end production of 100+ units of hand soap and aromatherapy oil for a large-scale event, handling raw material preparation to final packaging.

CERTIFICATIONS

Skill Passport as a Chemical Analyst — LSP P1 SMK-SMAK Bogor

June 2026

All-Round Laboratory Technician Level III — VAPRO International

June 2026

TOEIC Listening and Reading Test (740/990) — ETS

August 2025

SKILLS

Hard Skills: Chromatography (HPLC, GC), Spectroscopy (NIR, FTIR, UV-Vis, AAS), Karl Fischer, Physicochemical (pH, Conductivity, Density, Viscosity), Gravimetric & Volumetric Analysis, Microbiological Testing, and Environmental Analysis.

Soft Skills: Attention to Detail, Critical Thinking, Problem Solving, Data Analysis, Teamwork, Communication, Adaptable, and Time Management.

Quality and Compliance: GLP, GMP, OHS/K3, ISO/IEC 17025:2017.

Languages: Indonesian (Native) and English (Upper Intermediate).

Software: Microsoft Office, Google Workspace, and Canva.