

ANANDITA EKA SHAFIRA

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PROFESSIONAL SUMMARY

Analytical Chemistry graduate from SMK-SMAK Bogor with internship experience at PT SUCOFINDO, accurately analyzing 528 NPK fertilizers and 10+ chemical substances in a petrochemical laboratory. Competent in conventional analytical chemistry, microbiology (ALT, mold, yeast, pathogen detection), and operating advanced laboratory instrumentation (AAS, HPLC, GC, UV-Vis spectrophotometry, FTIR, etc), environmental analysis parameters (water, ambient air, sampling, industrial hygiene). Highly committed to laboratory regulations with a foundational understanding of GLP, cGMP, CPOB and ISO 17025.

EDUCATION

Bogor Vocational High School of Chemical Analyst (SMAKBO) | June 2022 – 2026

Major in Analytical Chemistry | Average score: 88,58/100

PROFESSIONAL EXPERIENCE

PT Sucofindo (Persero) | November 2025 – April 2026

Petrochemical Laboratory Analyst Internship

- Executed a dedicated laboratory project analyzing 528 NPK fertilizer samples in accordance with strict SOPs and SNI Standards.
- Analyzed 10+ various types of fertilizers and chemical substances to determine nutrient compliance and purity.
- Operated high-precision instruments (HPLC, UV-Vis Spectrophotometer, Karl Fischer, Autotitrator, pH meter) for daily quality testing.
- Inputted test result data into Microsoft Excel and team reports accurately and validly.

Instrument Laboratory Practicum | October 2024

Team Leader

- Achieved the "Best Group" award in thiamine (Vitamin B1) analysis using a UV-Vis Spectrophotometer with high accuracy ($R^2 = 0.9999$, %RPD = 0.15%).
 - Processed raw data and generated calibration curves accurately using Excel formulas.
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PROJECT

Multivitamin Product Development Project | April – November 2025

Project Leader

- Formulated and optimized multivitamin ingredients to meet target active component specifications and stability.
 - Designed primary and secondary packaging to ensure material compatibility, physical durability, and product visual aesthetics.
 - Conducted BPOM-compliant quality testing: chemical, physical, and microbiological parameters.
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ORGANIZATIONAL EXPERIENCE

SMAKBO Youth Scientific Group (KIR) | October 2024 – 2025

Head of Extracurriculars

- Initiated and successfully executed 3 strategic collaborations with local social organizations to implement community-based science programs.
 - Directed and managed all active members in planning, preparing, and executing weekly scientific laboratory experiments.
 - Implemented strategic policies to enhance the overall quality of the extracurricular program.
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SKILLS & COMPETENCIES

- **Hard Skills:** GLP, cGMP, CPOB, ISO 17025 Awareness, Environmental Analysis, Gravimetric & Volumetric Analysis, Microbiological Testing, Spectroscopy (AAS & UV-Vis), Chromatography (GC & HPLC), FTIR, and Electrochemistry.
- **Soft Skills:** Discipline, Responsible, Detail-oriented, Agile, Excellent Time Management, Honest, Effective Communication, Data Analysis, Teamwork & Collaboration, Integrity, and Creative.
- **Software:** Microsoft Excel (Formulas & Data Processing), Microsoft Office, Google Workspace, and Canva.
- **Languages:** Indonesian (Native speaker) and English (Professional (TOEIC: 555)).
- **Certificates:** TOEIC Certificate, International VAPRO certificate, Skill Passport - Professional Certification Body - P1 SMAKBO