

# PANI PERMATASARI

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## PROFILE

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A Diploma III (D3) graduate in Chemical Analysis from Politeknik AKA Bogor with internship experience in a water chemistry laboratory at the Regional Health Laboratory of DKI Jakarta Province. Experienced as a laboratory analyst in water quality testing. Possesses a strong understanding of analytical methods in accordance with applicable standards and regulations, with hands-on experience in both instrumental and conventional chemical analysis, including HPLC, AAS, UV-Vis, and GC. Holds a TOEIC certificate with a score of 825 and has completed ISO 14001, ISO 22000, and ISO 9001 training. Also certified by BNSP in method validation schemes. Actively involved in student organizations with experience in coordination, administration, documentation, and teamwork.

## EDUCATION

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**Politeknik AKA Bogor**

*Chemical Analyst: 3,26/4,00*

**Bogor, Indonesia**

*2023 – 2026*

- Relevant Coursework: Instrumental Analysis, Analytical Chemistry, Method Validation and Verification, Separation Techniques, Conventional Analysis, Basic Chemistry, Organic Chemistry, Analytical Statistics, Quality Assurance, Microbiology, Food Chemistry, and Sampling Techniques.

## EXPERIENCE/INTERNSHIP

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**Regional Health Laboratory of DKI Jakarta Province**

Water Chemistry Laboratory

*Laboratory Analyst*

**Jakarta, Indonesia**

Sept 2025 – Apr 2026

- Conducted routine analysis of drinking water, clean water, wastewater, bottled water, and other water samples;
- Performed analysis using UV-Vis spectrophotometry, HPLC, and ICP-OES;
- Tested chemical parameters including Hexavalent Chromium (Cr-VI), Fluoride (F<sup>-</sup>), color, Ammonia (NH<sub>3</sub>), Bromate (BrO<sub>3</sub><sup>-</sup>), Nitrate (NO<sub>3</sub><sup>-</sup>), Nitrite (NO<sub>2</sub><sup>-</sup>), Sulfate (SO<sub>4</sub><sup>2-</sup>), Chloride (Cl<sup>-</sup>), and Phosphate (PO<sub>4</sub><sup>3-</sup>);
- Conducted conventional chemical analysis such as titration and gravimetry for hardness and oil & grease parameters;

- Performed physical parameter testing including TDS and pH;
- Prepared samples and standard solutions according to testing procedures;
- Processed and interpreted analytical data;
- Applied occupational health, safety, and environmental (HSE) principles, quality control, and documentation procedures

## SKILLS

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- Technical Skills: Laboratory testing, chemical analysis, GLP, GMP, method validation and verification.
- Soft Skills: Communication, teamwork, time management, critical thinking, problem-solving.
- Instrumentation: HPLC, UV-Vis Spectrophotometer, Atomic Absorption Spectrophotometer (AAS)
- Software: Microsoft Excel, Microsoft Word
- Languages: Indonesian (native), English (intermediate)

## CERTIFICATION AND TRAINING

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- **Competency certification – method validation**  
BNSP : 2026
- **TOEIC – Test of English for international communication**  
Skor: 825
- **Awareness ISO 14001 – environmental management system**  
Politeknik AKA Bogor, Certificate Number: B/869/BPSDMI/AKA/DL/X/2025
- **Awareness ISO 22000 – food safety management system**  
Politeknik AKA Bogor, Certificate Number: B/859/BPSDMI/AKA/DL/X/2025
- **Awareness ISO 9001 – quality management system**  
Politeknik AKA Bogor, Certificate Number: B/851/BPSDMI/AKA/DL/X/2025

## ORGANISASI

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| <b>Student Executive Board (BEM)</b><br><i>Head of Secretariat Bureau</i>                        | 2025 – 2026 |
| <b>Student Executive Board (BEM)</b><br><i>Staff – Ministry of communication and information</i> | 2024 – 2025 |
| <b>Student Executive Board (BEM)</b><br><i>Staff – Ministry of communication and information</i> | 2023 – 2024 |