



Siti Zahra

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Chemical Analyst

Diploma graduate in Chemical Analysis (GPA 3.58) with hands-on experience in laboratory testing and analytical instrumentation (HPLC, AAS, UV-Vis, GC). Experienced in method validation, sample analysis, and data processing, with strong adherence to Good Laboratory Practices (GLP). Detail-oriented, adaptable, and capable of working in fast-paced laboratory environments across various industries.

EDUCATION

Diploma (D3) in Chemical Analysis
Politeknik AKA Bogor – Bogor, West Java
My final project was titled “Validasi Metode Penetapan Kadar Natrium Benzoat dalam *Raw Material* menggunakan HPLC di PT BASF Care Chemicals Indonesia”.

July 2022 – September 2025

- Performed analytical method validation based on parameters such as accuracy, precision, linearity, range, LOD, and LOQ
- Experienced in High Performance Liquid Chromatography (HPLC) operation and data analysis
- Evaluated and interpreted validation data, including measurement uncertainty estimation, to ensure method reliability and compliance
- Method validation data processing using Microsoft Excel

PROFESSIONAL EXPERIENCE

PT Novell Pharmaceutical Laboratories
Laboratory Analyst (Stability)

October 2025 – Present

- Completed analysis of 80 product batches within one month
- Performed sample analysis following established laboratory procedures and standards
- Operated analytical instruments such as HPLC, UV-Vis, GC and AAS
- Processed and organized analytical data using Microsoft Excel for reporting and documentation
- Performed routine verification of laboratory instruments such as pH meters and analytical balances

PT BASF Care Chemicals Indonesia
Quality Control (QC) Analyst Intern

March 2025 – July 2025

- Assisted in testing raw materials and finished products
- Conducted stability testing on finished products
- Performed method validation activities
- Conducted product trials to improve products that initially failed

PROJECT

Pekan Kreatif Mahasiswa (PKM)
Forum Lembaga Mahasiswa Perindustrian Indonesia (FLMPI) – Politeknik AKA Bogor

July 2024 – November 2024

- Research Title: “Transfromasi Digital Melalui Akuisisi Data Suhu Dalam Proses Pemanggang Roti Pada Level Sterilisasi Komersial Industri Roti Tawar Untuk Memperpanjang Umur Simpan”
- Conducted quality testing of sterilized bread using yeast, mold, and anaerobic bacteria tests, including Total Plate Count (TPC) calculations
- Analyzed data to evaluate product quality and shelf life
- Presented research results to audiences with effective communication skills

SKILLS

Technical Skills :	Laboratory Skills :	Languages :
Instrumental Analysis: HPLC, AAS, UV-Vis, GC	Sample Preparation and Testing	English (Intermediate)
Verification and Validation Methods	Stability and Quality Testing	Indonesian (Native)
Calibration	Microbiological Analysis (TPC, yeast and mold)	Software : Microsoft Office

CERTIFICATES

Laboratory Equipment Calibration Competency – Badan Nasional Sertifikasi Profesi (BNSP)	2025
Test Method Validation Competency – Badan Nasional Sertifikasi Profesi (BNSP)	2025
2nd Place, Pekan Kreatif Mahasiswa (PKM) – Forum Lembaga Mahasiswa Perindustrian Indonesia (FLMPI)	2024
SNI ISO 9001 : 2015 Quality Management System – Politeknik AKA Bogor	2024
SNI ISO 14001 : 2015 S Environmental Management System – Politeknik AKA Bogor	2024
SNI ISO 22000 : 2018 Food Safety Management System – Politeknik AKA Bogor	2024