

# Mia Saputri Krisentiana

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Analytical Chemist with nearly 4 years of experience in GMP-regulated pharmaceutical laboratories. Experienced in analytical testing, method transfer, troubleshooting, OOS investigation, and laboratory quality systems using HPLC, UV-Vis, Dissolution Tester, and Karl Fischer Titrator. Served as HPLC Column PIC and technical mentor for newly hired analysts, supporting analytical problem solving and laboratory operations. Seeking opportunities in Analytical Development, R&D, Chemist, or Senior Analyst roles where strong analytical and scientific problem-solving skills can contribute to product quality & continuous improvement.

## Education

### UNIVERSITY OF LAMPUNG

Bachelor of Science, in Chemistry. GPA: 3.65/4.00

Concentration in Inorganic Chemistry

Thesis : Synthesis, Characterization and Catalytic Activity Test of Hierarchical ZSM-5 Based on Sugarcane Bagasse Silica Modified with Ni Metal in the Hydrolysis Reaction of Cellulose

Bandar Lampung

March 2022

## Experience

### PT Guardian Pharmatama

Bogor

#### Quality Control Analyst (Analytical / Finished Product)

September 2022 – June 2026

- Performed GMP-compliant analytical testing using HPLC, UV-Vis, FTIR, Dissolution Tester, and Karl Fischer Titrator for raw materials and finished products.
- Served as HPLC Column PIC, supporting column qualification, performance evaluation, troubleshooting, and selection of suitable columns for specific analytical applications.
- Participated in analytical method transfer activities from R&D to QC, including method execution, data review, documentation, and cross-functional discussions to ensure method suitability for routine testing.
- Supported OOS investigations and analytical troubleshooting through chromatographic review, instrument evaluation, sample preparation assessment, calculation verification, and root cause identification.
- Processed and reviewed chromatographic data using LabSolutions (Shimadzu) and Chromeleon (Thermo Fisher), including impurity profiling, complex chromatographic integration, and analytical data interpretation.
- Acted as technical mentor for newly hired analysts, providing guidance on instrument operation, troubleshooting, laboratory practices, and GMP documentation.
- Supported laboratory operations through reagent inventory monitoring, annual usage estimation, working standard qualification, and reference standard management.

### Inorganic/Physics Chemistry Laboratory of Math and Science Faculty

Bandar Lampung

#### Junior Researcher

February 2021 – November 2021

- Conducted laboratory research involving synthesis, characterization, and analytical evaluation of inorganic materials.
- Performed analytical characterization using FTIR, XRD, SEM, XRF, AAS, and other laboratory techniques to support research objectives.
- Analyzed experimental data, performed troubleshooting, and optimized laboratory procedures to improve data quality and reproducibility.
- Maintained research documentation, raw data records, and technical reports in accordance with scientific standards.
- Collaborated with academic researchers in executing laboratory experiments and technical reporting.

## Skills

**Laboratory & Analytical Techniques:** HPLC, FTIR, UV-Vis, Karl-Fischer, Dissolution Tester, Autotitrator, AAS

**Technical Expertise:** OOS Investigation, Analytical Troubleshooting, Root Cause Analysis, Method Transfer, Data Interpretation, Method Evaluation & Improvement, Chromatographic Analysis

**Quality Systems:** GMP, Data Integrity, Laboratory Documentation

**Core Competencies:** Problem Solving, Scientific Thinking, Cross-functional Collaboration, Attention to Detail, Time Management, Scientific Documentation & Reporting

**Languages:** Indonesian (Native), English (Professional Working Proficiency)