

Muthia Salsabila

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🌐 Muthia Salsabila

Profile

Quality Control Analyst with experience in the pharmaceutical industry, specializing in product quality assurance through stability analysis, raw material testing, and finished product evaluation. Skilled in physicochemical testing, laboratory instrumentation, and QC documentation management according to standard operating procedures. Strong analytical skills, detail-oriented, and able to work efficiently in a team to support organizational goals.

Education

Politeknik AKA Bogor

Diploma in Chemical Analysis

GPA: 3.08/4.00

2021–2024

SMK Analis Kimia Tunas Harapan

Chemical Analysis

Graduated

Work Experience

PT LAPI Laboratories

QC Analyst – Finished Goods

Jakarta, Indonesia

April 7, 2025 – Present

- Performed routine testing on finished drug products, including identification, assay (instrumental and conventional techniques), dissolution, and impurity tests, ensuring accurate results and batch release compliance with USP standards and internal procedures.
- Operated High Performance Liquid Chromatography (HPLC) instruments using Empower software for quantitative and qualitative analysis of active pharmaceutical ingredients and impurities.
- Conducted quantitative and qualitative analysis of pharmaceutical samples and dissolution testing using a UV-Vis spectrophotometer with UV Probe software.
- Performed physical quality tests on finished drug products, including hardness, friability, disintegration time, weight variation, and moisture content.
- Prepared detailed analytical reports based on laboratory test results, ensuring data accuracy and compliance with standard operating procedures.
- Conduct analysis of finished products and sample preparation using UV-Vis, FTIR, Karl Fischer, HPLC, and dissolution apparatus.

PT Pharos Indonesia

QC Analyst

Jakarta, Indonesia

February 19, 2024 – July 19, 2024

- Performed physicochemical analysis of raw materials and finished products to ensure compliance with specifications.
- Managed product stability testing, identified potential defects, and reported quality deviations during storage.
- Operated laboratory instruments including UV-Vis, FTIR, Karl Fischer, HPLC, and dissolution equipment with high precision.
- Conducted gravimetric and titrimetric testing to ensure data validity according to laboratory standards.

National Nuclear Energy Agency

Laboratory Staff

Jakarta, Indonesia

July 1, 2020 – September 30, 2020

- Operated UV-Vis spectrophotometer, ICP-OES, and pH meter for chemical analysis.
- Prepared solutions and samples with high accuracy, performing gravimetric testing.
- Documented all test results according to laboratory procedures and safety protocols.

Organizational Experience

IMAKA Music Competition

Creative Multimedia

2022

- Designed performance concepts, collaborated with the creative team, and produced high-quality visual content through video and graphic editing.

SASEKA Art Performance

Public Relations

2021

- Managed communications with alumni and students, coordinated participant involvement, and enhanced event presence through social media content.

Holiday with TOEIC

Promotional Design

2021

- Designed promotional materials for paid campaigns, scheduled content publication, and collaborated with the content team to increase audience engagement.

Certifications

Laboratory Equipment Calibration Competency (Oct 2024 – Oct 2027)

Chemical Analysis Spectrophotometry Competency (Oct 2024 – Oct 2027)

Introduction to Food Safety Management System (SNI ISO 22000:2019, Aug 2023 – Present)

Introduction to Quality Management System (SNI ISO 9001:2015, Aug 2023 – Present)

Introduction to Environmental Management System (SNI ISO 14001:2015, Aug 2023 – Present)

Skills

Technical: UV-Vis, FTIR, Karl Fischer, HPLC, HPTLC, Gas Chromatography, dissolution testing, microbiological analysis, conventional laboratory techniques, raw material and finished product analysis, implementation of lab safety and 5S principles.

Software: Microsoft Word, Excel, PowerPoint

Soft Skills: Time management, effective communication, teamwork, analytical and problem-solving abilities.