

HANNA HUSNIA MUMTAZ

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Bogor, Jawa Barat

A Chemical Analysis graduate from IPB University with hands-on experience in pharmaceutical quality control, analytical method validation, and laboratory analysis. Experienced in performing assay and quality analysis of finished pharmaceutical products for stability studies using validated analytical methods, as well as conducting chemical analysis in laboratory research. Familiar with analytical method validation parameters and laboratory practices in accordance with GLP, GDP, and GMP requirements. Certified in Penyelia Jasa Laboratorium, with strong analytical and problem-solving skills, a collaborative mindset, and the ability to work effectively both independently and in a team.

EDUCATION

Institut Pertanian Bogor - Bogor, Indonesia

Aug 2022 - Aug 2026

Bachelor of Applied Science in Chemical Analysis Department Vocational School in IPB University

SMAN 1 Ciseeng - Bogor, Indonesia

Jun 2019 - May 2022

Senior High School, Majoring Sains

WORK EXPERIENCE

Vocational School IPB

Jan 2026 - Jul 2026

Teaching Assistant

- Assisted students during laboratory experiments involving analytical method validation.
- Provided guidance on validation parameters such as linearity, precision, accuracy, specificity, LOD, LOQ, and robustness.
- Prepared laboratory equipment, chemicals, and experimental materials.
- Ensured adherence to laboratory safety protocols and Good Laboratory Practices (GLP).
- Assisted lecturers in monitoring practical sessions and evaluating students' performance.

PT Kalbe Farma

Jul 2025 - Nov 2025

Quality Control Intern

- Performed assay and quality analysis of finished pharmaceutical products for stability studies using validated analytical methods.
- Operated UV-Visible Spectrophotometer, AAS, Dissolution Tester, and Auto Titrator to evaluate product quality and stability.
- Prepared samples, reference standards, and reagents for quantitative pharmaceutical analysis.
- Documented and reviewed analytical results in compliance with GDP, GLP, and GMP requirements

Biofarmaka Tropika (TROP BRC)

Dec 2024 - Jan 2025

Internship

- Performed sample preparation and analysis of natural products to evaluate their chemical characteristics and compound content.
- Conducted qualitative phytochemical screening of natural product samples.
- Performed quantitative analysis using spectrophotometric methods, including the determination of specific compound contents.

Global Ready Talent (GRT) Cultural Immersion

May 2025

Student Buddies for International Students

- Served as a Student Buddy for 37 international students from NUS, SMU, NTU, and SUSS (Singapore). Assisted their adaptation to campus life, acted as a liaison during their visit, supported the implementation of campus tours and cultural events, and facilitated meaningful intercultural exchange and interaction with local students.

Maju Indonesia

Nov 2021 - Jan 2022

Brand Ambassador

- Contribution in advancing the nation through knowledge, creativity, and energy to the wider community
- Researched, wrote, and create content on social media

ORGANISATIONAL EXPERIENCE

HIMAVO LIKISTA

Jan 2023 - Nov 2024

Secretary

- Write of supplies and activity requirements
- Prepare and organize consumption for parties attending the activity
- Coordinate with other divisions
- Carry out the planning and reporting of each activity
- Coordinate with other divisions related to funding needs

- Manage the income and use of funds.

PROGRAM PEMBERDAYAAN MASYARAKAT DESA (P2MD) - Cijayanti, Bogor

Jul 2023 - Dec 2023

Volunteer

- Write of supplies and activity requirements
- Responsible for transportation during the implementation of activities
- Prepare and organize consumption for parties attending the activity and coordinate with other divisions

BecomeMore Indonesia

Feb 2021 - Jun 2022

Membership Group

- Communicate with team members to virtual meeting to discuss the topic
- Meet and share stories with other members about topics according to the club's interest group

SKILLS & ACHIEVEMENTS

- **Instrument method:** Spectrophotometer UV-Vis, Atomic Absorption Spectrophotometer (AAS), Fourier Transform Infrared Spectroscopy (FTIR), Gas Chromatography (GC), Dissolution Tester, Autotitrator, Karl Fischer, Rotary Evaporator, Microplate Reader, Analytical balance.
- **Conventional Method:** Titrimetry, Gravimetry, Chromatography, Microbiology
- **Physics Test:** Organoleptic test (color, smell, and taste), pH meter, Density Meter, Viscometer Rion, Transferred Volume Test
- **Software:** Word, Excel, PowerPoint, Google Docs, Canva, Origin, MetaboAnalyst, Orange, Laboratory Information Management System (LIMS)
- **Achievements** 🏆 (2024): Best Staff of the Internal Audit Department
- **Achievements** (2025): Gold Award – I-SINERGIE 2025 (International Sustainable Innovation & Engineering Technology Competition)
- **Achievements** 🏆 (2024): Secured funding for a PKM project, resulting in successful completion of the project, publication of findings
- **Certification** 🏆 (2026): Google Analytics
- **Training** 🏆 (2026): Research and development (R&D) for Food Industry
- **Soft Skills:** Problem Solving, Communication, Decision Making, Teamwork, and Continuous Improvement
- **Bootcamp** 🏆 (2021): Communication Bootcamp Public Speaking by BecomeMore Indonesia
- **Training** 🏆 (2021): Mentoring BE-Class program with the topic of Content Writing held by Be Global Indonesia