

Nazwa Aprilia Hanum

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I am a Diploma IV (D4) graduate in Chemical Analyst from Institut Pertanian Bogor (IPB) with 1 years of experience in pharmaceuticals R&D. I have a strong foundation in analytical chemistry and hands-on experience in various laboratory techniques. Skilled in operating 5+ laboratory instruments and conducting trials, method validation, and stability studies. I am enthusiast about applying my skills in a dynamic team and contributing to innovative solutions in the chemical industry.

WORK EXPERIENCE

R&D Analyst, PT Infion Pharmaceuticals

February 2025 – Present

- Analyzed 30+ batches of finished product development samples per month, including trials, analytical method validation, process validation, and stability studies involving the use of HPLC, UPLC, and spectrophotometer UV-Vis instrument
- Analyzed and inspected 5+ pharmaceutical raw material samples per month using Karl Fischer, polarimeter, autotitrator, and conventional methods
- Performed physical quality testing 10+ batches of finished product samples per month using dissolution tester, hardness tester, friability tester, and disintegration tester
- Prepared and reviewed 15+ analytical reports per month, ensuring completeness of raw data, analyst verification, and test result forms
- Managed and archived 100+ laboratory documents including logbooks, instrument calibration schedules, and analytical reports using MS Office (Word and Excel)

EXPERIENCE

Student Researcher, Surfactant and Bioenergy Research Center (SBRC)

February 2024 – August 2024

- Synthesized 3 variations of heterogeneous catalyst from marine biomass
- Produced 27 variations of biodiesel from used cooking oil using conventional method
- Analyzed 27+ biodiesel samples within 6 months of work, utilizing GC and titration method
- Interpreted 16 data sets of heterogeneous catalyst characteristics based on FTIR, SEM, XRD, and BET data

R&D Intern, PT Etana Biotechnologies Indonesia

July 2023 – December 2023

- Analyzed 10+ pharmaceutical packaging material samples per month, utilizing FTIR, AAS, particle size analyzer, and titration instruments
- Prepared 2 Extractables and Leachables reports, each over 80 pages, within 5 months of work, using English report format
- Created 50+ specification documents, such as specification, inspection notes, and risk assessment document within 6 months of work
- Presented 1 new material related to packaging and analysis results every month to enhance the knowledge of the human resources involved in team
- Documented and archived 100+ documents within 6 months of work, involving the use of MS Excel

EDUCATION

D4 Chemical Analyst, Institut Pertanian Bogor (IPB)

August 2020 – August 2024

- GPA: 3,67

ORGANIZATION EXPERIENCE

Vice Chairman, MADIPJO IPB (regional student organization)

2021 – 2022

- Coordinated the organization's participation in 5+ competitions for the Cultural Arts Week held by IPB Vocational School every year
- Assisted the chairman in leading, supervising, decision-making, and taking responsibility for the entire series of organizational activities

Treasurer, IMT IPB

2021 – 2022

- Designed the organization's budget plan (RAB) for 1 webinar event and daily operational needs
- Managed and facilitated 50+ financial transactions of the organization during the 2021–2022 period

SKILL

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Softskill:

- Time management skills
- Organizational skills
- Communication
- Relationship-building skills
- Analytical skills

Hardskill:

- MS Office
- Google Workspace
- HPLC
- Karl Fischer
- Polarimeter
- Spectrophotometer UV-Vis
- Autotitration
- Liquid Particle Counter
- Extraction
- Data interpretation
- Method Validation
- Sampling