

LISBETH JUNITA ANGGRAINI MARBUN

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PROFILE

A dedicated Pharmacist and R&D professional with a unique blend of Analytical Development expertise and Formulation passion. Experienced in supervising new product development by integrating Quality by Design (QbD) principles with precise analytical validation to ensure product stability and efficiency.

SKILLS

- Analytical Method
- HPLC, GC, UV-Vis Spectroscopy
- Research and Development
- Compendial References
- Quality by Design (QbD)
- CPOB, CPAKB, CPKB
- GMP and GLP
- Detail Oriented
- Leadership
- Problem Solving
- Team Collaboration
- Communication

EXPERIENCE

PT. MAHAKAM BETA FARMA

Analytical Development Supervisor in Research and Development Departement

August 2024 – Present

- Supervise analytical development analyst in development process of new products.
- Providing guidance and support in the development and validation of analytical methods for raw materials.
- Conducted validations in assay, impurities methods.
- Conducted troubleshooting and problem-solving for analytical methods and instrumentation issues, ensuring minimal disruption to project timelines.
- Transferred analytical methods to internal QC labs.
- Supported data for registration submission of new product.
- Coordinate with Purchasing dept in raw material diversification project activities.
- Coordinate with Business Development dept in new product developement projects.
- Collaborate with cross-functional teams, including formulation supervisor and others to ensure seamless project execution and timely delivery of analytical data.
- Sourced and conducted review of CoA 50+ raw material (API and Excipient) for new product development.
- Oversee the development and validation of methods using techniques such as HPLC, GC, and UV-Vis spectroscopy.

PT. PHAROS INDONESIA

Research and Development Internship

July 2023 – August 2023

- Developed and optimized formulations for new pharmaceutical products.
- Assisted in testing preformulation and formulation of pharmaceutical products.
- Supervised with R&D team process validation and technology transfer at production sites.
- Collaborated with the R&D team to identify issues and provide technical solutions.
- Attended internal training on the latest laboratory techniques and equipment.
- Received induction training regarding R&D Analytical Development, QA, QC, and Production guided by the manager.

PT. MILLENNIUM PHARMACON INTERNATIONAL, TBK.

Pharmacist Internship

May 2023 – June 2023

- Conducted checks on incoming and outgoing goods based on order letters and invoices
- Preparing and managing documents related to drug distribution to ensure compliance with regulations, under the guidance of the responsible pharmacist.

PHARMACY UNIVERSITY OF SUMATERA UTARA

Lecturer Research Assistant

January 2022 – September 2022

Project: "Determination of Total Phenol, Total Flavonoid and Antioxidant Tests of Ethanol and Ethyl Acetate Extracts of Pirdot Leaves (*Saurauia bracteosa* DC.) using the DPPH Method"

- Conducted 30+ Kg plant extraction for research on Pirdot leaves.
- Analyzed testing results and reported findings.
- Utilized UV-Vis spectrophotometry for testing plant extract levels.

EDUCATION

UNIVERSITY OF SUMATERA UTARA

Apothecary (GPA: 3.97/4.00)

February 2023 – March 2024

Internships: Pharmacy, Health Center, Pharmaceutical Distributor, Pharmaceutical Industry, and Hospital.

UNIVERSITY OF SUMATERA UTARA

Bachelor of Pharmacy (GPA: 3.13/4.00)

September 2018 – August 2022

Final Year Research: "Determination of Total Phenol and Total Flavonoid Contents of Ethyl Acetate Extract of Pirdot Leaves (*Saurauia bracteosa* DC)"

ORGANIZATIONS

BEM FARMASI USU

Secretary of Communication Media and Information Department

September 2021 – August 2022

- Performed for creating content and maintaining BEM accounts for various BEM communication channels, including the official website, social media, and other publications.
- Collaborated with other team members, department heads, to ensure message consistency and effective coordination in all communications activities

CERTIFICATIONS AND TRAINING

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| • Good Laboratory Practice (GLP): Makinahli | May 2024 – Present |
| • Quality Management System (ISO 9001:2015): Makinahli | May 2024 – Present |
| • Environmental Management System (ISO 14001:2015): Makinahli | May 2024 – Present |
| • Occupational Health and Safety Management System (ISO 45001:2018): Makinahli | May 2024 – Present |
| • Formulation Technical Service Supervisor: Latih | June 2023 – Present |
| • Quality Control Supervisor: Latih | August 2023 – Present |
| • Mastersizer 3000: Offline Class for Basic User: DKSH | April 2025 – Present |

LANGUAGES

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| • Indonesian | Native |
| • English | Intermediate |