

Dinda Pramesty Rukanda

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SUMMARY

Bachelor of Pharmacy graduate from State Islamic University of Jakarta with a strong interest in pharmaceutical, cosmetic, and microbiology. Experienced in research and development activities and BPOM compliance within a sterile pharmaceutical industry, specifically in eye drop formulation and packaging material development. Skilled in conducting laboratory-scale formulation, evaluating critical quality attributes (CQA), and preparing technical documentation following GMP and Quality by Design (QbD) principles.

EDUCATION

State Islamic Syarif Hidayatullah University, South Tangerang

Sep 2019 – Aug 2023

Bachelor of Pharmacy | Major in Pharmacy

- Graduated with 3,34/4.00 GPA
- Completed the final research project on isolation, antimicrobial activity test and identification of secondary metabolite compounds of endophytic fungi from matoa fruit peel (*Pometia pinnata*).

WORK EXPERIENCE

PT. Cahaya Mandiri Farma

Mar 2024 – Present

Formulation and Packaging Development Staff

- Conducted lab-scale formulation trials, evaluated product stress test, and determined suitable specifications for critical parameter
- Designed, optimized, and developed formulations from laboratory-scale trials to pilot-scale, contributing to successful product scale-up and process optimization of ophthalmic solution products.
- Identified and evaluated Critical Quality Attributes (CQAs) and Critical Process - Parameters (CPP) of ophthalmic products solution.
- Supported stability and compatibility studies through timely preparation and submission of product samples for analytical evaluation
- Prepared and maintained development reports, scale-up batch record, and formulation documentation accurately to support on-time execution of manufacturing activities
- Developed and implemented specifications and inspection methods for secondary packaging components, improving consistency in packaging quality evaluation and acceptance
- Contributed to the successful execution of CPOB certification audits through active participation in audit activities, preparation of required documentation, and support for compliance initiatives
- Coordinated with production, quality control, and manufacturing teams to ensure smooth technology transfer and validate production activities.

VOLUNTEERING EXPERIENCE

Pharmacy Study Program, State Islamic Syarif Hidayatullah University

Sep – Dec 2023

Volunteer Teaching Assistant of Phytochemistry Practicum

- Assisted students in understanding experiment instructions and phytochemistry techniques.
- Provided guidance on plant compound extraction, isolation, and identification methods
- Illustrated procedures for extracting and analyzing plant compounds
- Monitored the progress of experiments and provided technical support as needed
- Assisted in grading student exams

State Islamic Syarif Hidayatullah University, Faculty of Health Sciences

Oct 2023

Volunteer of Microbiologist Assistant

- Tested the Most Probable Numbers and Total Plate Count of 25 samples
- Analyzed the results of MPN and TPC testing
- Prepared and sterilized materials and tools by following proper protocols and maintaining aseptic conditions.

Pharmacy Study Program, State Islamic Syarif Hidayatullah University

Mar 2023 - Jun 2023

Volunteer Teaching Assistant of Microbiology Practicum

- Prepared laboratory equipment and materials required for microbiology
- Ensured the cleanliness, sterility, and proper functioning of laboratory equipment
- Provided guidance on aseptic techniques, microbial handling, and safety protocols
- Monitored the progress of experiments and provided technical support as needed
- Assisted in grading student exams

Pharmacy Study Program, State Islamic Syarif Hidayatullah University

Jan 2023 – Jul 2023

Volunteer of Microbiology Research Assistant

- Isolated and cultivated endophytic fungi from matoa fruit peel in a total 6 isolates
- Studied and analyzed characteristics of endophytic fungi from matoa fruit peel
- Conducted preliminary screening of antimicrobial activity test of endophytic fungal isolates on pathogenic microbes
- Conducted antimicrobial activity test of endophytic fungal extracts on pathogenic microbes
- Wrote reports for publications in scientific journals
- Conducted resistance tests of several antibiotics on pathogenic bacteria

CERTIFICATION/TRAINING

- Mengenal Regulasi dan Persyaratan Produk: Memahami A to Z Registrasi Produk (NIE/Notifikasi/POM TR) di Industri Farmasi (April 2024).
- Quality by Design: Meningkatkan Kualitas Produk Farmasi Melalui Pendekatan Sistematis (June 2024).
- ISPE – Unlocking the Secrets of Stability Studies: from Principles to ICH & CFR Guidelines (Feb 2025)
- ISPE – Key Considerations on Technology Transfer and GMP Certification (April 2025)

ADDITIONAL INFORMATION

- **Technical Skills:** Research skills, Formulation Skill, Laboratory skills, Microsoft (Word, Excel, Power Point), Google Suite (Docs, Sheet, Slide), and Corel Draw.
- **Soft Skills:** Problem Solving, Time Management, Teamwork, and Communication.
- **Languages:** Bahasa Indonesia (Native Speaker) and English (Passive).