

ADITYA SURACHMAN

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Elang Bintaro Residence Blok B1, Ciputat-Tangerang Selatan

ABOUT ME

A pharmacist with over 7 years of experience in the pharmaceutical industry, specializing in Research and Development (R&D) of various pharmaceutical dosage forms, Especially in formulation and packaging development. Skilled in new product formulation, existing product reformulation, preformulation studies, stability testing, and seamless technology transfer to manufacturing. Experienced in handling solid, liquid, and semi-solid dosage forms such as tablets, syrups, suspensions, creams, gels and ointments. Strong cross-functional collaboration with internal departments and external suppliers to ensure efficient, regulatory-compliant, and high-quality product development. Highly committed to innovation, technical documentation, and on-time project execution.

EXPERIENCE

PT TUNGGAL IDAMAN ABDI

Formulation & Packaging Development Supervisor

January 2023 - Present

- Led the planning and formulation of new and existing pharmaceutical products, from pre-formulation and stability studies to readiness for commercial batch production. Developed various dosage forms including:
Solid : plain tablet, coated tablet, sugar-coated tablet, effervescent tablet, chewable tablet.
Liquid: Suspension, syrup.
Semi Solid : Gel, ointment, cream, emulgel.
Small Volume Parenteral : ampoules, Vials
- Supervised and guided a cross-functional Product Development team (Formulation Pharmacists & Packaging Pharmacists).
- Reviewed and approved product formulations, ensuring scientific accuracy and regulatory compliance.
- Managed technology transfer processes to the manufacturing department, ensuring seamless handovers and production readiness.
- Coordinated with raw material and packaging suppliers to secure materials that met required specifications and quality standards.
- Maintained development timelines and ensured timely delivery of product and packaging readiness milestones.
- Facilitated cross-departmental collaboration with Regulatory Affairs, PPIC, QC, QA, Production, and Engineering to ensure smooth development flow.
- Evaluated and selected appropriate packaging materials (primary: strip, blister; secondary: box) for product suitability and compliance.
- Reviewed packaging designs and artwork from the marketing department, ensuring alignment with regulatory requirements and proof prints.
- Collaborated with PPIC to estimate and analyze product Cost of Goods Sold (COGS) based on formulation and packaging inputs
- Prepared and reviewed technical documentation, including development reports and regulatory submissions.
- Collaborated with cross-functional department (Regulatory Affairs, QC, QA, Production, PPIC, Sales & Marketing)
- Report directly with Head of Manufacturing & Plant
- Conducted monthly meeting update with Head of Sales & Marketing, Head of Manufacturing & Plant & Managing Director

PT TUNGGAL IDAMAN ABDI

Formulation Development Pharmacist

November 2018 – December 2022

- Conducted preformulation studies to evaluate the physicochemical properties and compatibility of active pharmaceutical ingredients (APIs) and excipients.
- Designed and developed stable, effective, and scalable formulations for various dosage forms, including: Solid dosage forms: tablets, capsules, chewables. Liquid dosage forms: suspensions, syrups. Semi-solid dosage forms: creams, gels, ointments. Sterile Injection dosage forms
- Performed laboratory trials and formulation optimization to meet product specifications and manufacturing feasibility.
- Conducted accelerated and real-time stability studies in compliance with ICH guidelines to ensure product shelf-life and quality.
- Prepared technical documentation, including formulation reports, stability data, and product development records, for internal review and regulatory submission.
- Collaborated with cross-functional teams (Production, QA, QC, Regulatory Affairs, PPIC) to ensure smooth technology transfer to manufacturing scale.
- Participated in pilot batch production and provided technical support during commercial scale-up.
- Recommended and evaluated alternative excipients or process changes to improve formulation performance or cost efficiency.

PHYSICAL PHARMACY LABORATORY, UHAMKA

Teaching Assistant

January 2015 – May 2016

Conducted preformulation studies to evaluate the physicochemical properties and compatibility of active pharmaceutical ingredients (APIs) and excipients.

Designed and developed stable, effective, and scalable formulations for various dosage forms, including: Solid dosage forms: tablets, capsules, chewables. Liquid dosage forms: suspensions, syrups. Semi-solid dosage forms: creams, gels, ointments. Sterile Injection dosage forms

Education

University of Muhammadiyah Prof. Dr. HAMKA

2017 - 2018

Pharmacist Profession (Pharmacist Professional Program) | GPA : 3.29 / 4.00

University of Muhammadiyah Prof. Dr. HAMKA

2012 - 2016

Bachelor of Pharmacy | GPA : 3.16 / 4.00

ORGANIZATION

SAPA (UHAMKA Pharmaceuticals Seminar)

2017 - 2018

Steering Commite

UHAMKA Student Judiciary

2015 - 2016

Chief Judge

Student Executive Board of the Faculty of Pharmacy and Science, UHAMKA

2014 - 2015

Head of the Organizational Affairs Division

UHAMKA Pharmacy Student Association (HIMASI UHAMKA)

Head of External Pharmaceutical Studies Division

2013 - 2014

AWARDS

Best Graduate and Activist, UHAMKA – 2016

3rd Place Winner in the National Pharmacy Olympiad Pharmacovent UHAMKA – 2016

2nd Place Winner in the Pharmacy Debate Competition Jabodetabek - 2014

TRAINING & SEMINAR

Business Development, Market Trend and Research (BMC, STP)

Organized by PT Jadi Praktisi Indonesia – May 2025

Halal Aspect Product

Organized by PT Jadi Praktisi Indonesia – May 2025

Transfer Technology : Pilot scale & Scale up Batch Size

Organized by PT Jadi Praktisi Indonesia – May 2025

Design of Experimental

Organized by PT Jadi Praktisi Indonesia – May 2025

Key Consideration of Technology Transfer and GMP Certification

Organized by ISPE Indonesia Affiliate – April 2025

Ashland Polymers of High Purity & Enhanced Functionality to Develop Robust Pharmaceutical Products

Organized by Ashland Inc & PT Tatarasa Primatama – February 2025

Schott Pharma Drug Containment and Delivery Solutions Seminar

Organized by Schott Igar Glass Indonesia – September 2024

Formulator's Forum : Exchange on Role of Pharmaceutical Excipients in Topical

Organized by BASF & PT Tigaka Distrindo Perkasa – July 2024

Unlocking the Possibilities of Tomorrow (Driving Quality, Efficiency, and Compliance in Pharmaceutical Manufacturing)

Organized by Kerry Indonesia & PT Tigaka Distrindo Perkasa– October 2023

Seminar Pharma Symposium Indonesia 2023 "Advancing Liquid Formulation: High-Risk Application and Solubility Enhancement."

Organized by Merck Indonesia – August 2023

Solid Dosage Form

Organized by PT Elpharma Multi solution – June 2023

Formulating the Future "Discover How Our Excipients can help overcome your formulation Challenges"

Organized by Croda Indonesia – February 2023

Quality by Design in Pharma Development

Organized by PT Elpharma Multi solution – March 2023

Sensory Evaluation Techniques & Product Development

Organized by PT Elpharma Multi solution – February 2023

Eudragit Technical Seminar

Organized by IMCD Indonesia – September 2022

Importance of Bioavailability Enhancement in Solid Formulation

Organized by PT Elpharma Multi solution – May 2021

Effervescent Technology

Organized by PT Elpharma Multi solution – November 2021

Making a Robust Effervescent product for High Humid Environment

Organized by SPI Phamra – July 2021

Workshop on Quality by Design Application in Pharmaceutical Product Development

Organized by Phase UI 88 – July 2021

SKILLS

Soft skills

Cross-departmental communication, Technical problem-solving in formulation challenges, Detail oriented with a strong focus on quality, flexibility and adaptability to regulatory changes.

Hard skills

Pharmaceutical product Formulation, In-depth knowledge of excipients & active ingredients, R&D project timeline management, Process scale-up validation, Cost of Goods Sold (COGS) estimation and analysis.

Software skills

Microsoft Office, Adobe Photoshop, Canva, Minitab