



ZAHWA HARIRA IMAM

RnD staff | Formulator Staff | Regulatory Staff

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SUMMARY

Chemistry graduate with hands-on experience in end-to-end product development, covering formulation, stability testing, and regulatory submission to Badan Pengawas Obat dan Makanan and Kementerian Kesehatan Republik Indonesia. Experienced in developing cosmetic, PKRT, and Traditional medicine products from concept to launch, including Product Information File (DIP) preparation and regulatory compliance. Proven ability to optimize formulations, manage multiple projects, and ensure product readiness aligned with industry standards.

EDUCATIONAL BACKGROUND

ANDALAS UNIVERSITY

August 2020 – November 2024

Bachelor's Degree in Chemistry (GPA 3.53/4.00)

- **Thesis Title** : "Isolasi Minyak Atsiri Daun Sicerek (*Clausena excavata* Burm.f.) Dan Uji Aktivitas Insektisida Terhadap Larva *Crocidolomia pavonana* F. Hama Tanaman Kubis".
- **Field of Interest**: Essential Oil Technology, Analytical Chemistry, Organic Chemistry, Chromatographic Methods, and Food Material Analysis.
- **Software Skill** : Microsoft Office, Canva.
- **Languages** : English (Intermediate).
- **Summary** : Actively participated in various workshops, training programs, and organizational activities to enhance skills and knowledge, especially in the field of industrial chemistry.

CORE COMPETENCIES

- **Regulatory** : Experienced in handling regulatory submission to Badan Pengawas Obat dan Makanan for cosmetic products, as well as PKRT registration to Kementerian Kesehatan Republik Indonesia. Skilled in preparing Product Information File (DIP), reviewing product labeling, and supporting audits including BPOM, Halal, CAPA, and UKOT.
- **Research and Development** : Experienced in formulation and reformulation of cosmetic, PKRT, and traditional medicine products, including stability testing and product evaluation (pH, sensory, performance). Skilled in optimizing formulations through iterative trials (10+ trials per product) and ensuring product safety, quality, and performance from concept to launch.

WORKS EXPERIENCES

PT SAINSGO KARYA INDONESIA

May 2025 – Present

R&D Formulator Staff

- Led end-to-end product development for cosmetic, PKRT, and traditional medicine products from formulation to market launch.
- Successfully launched **10+ PKRT products**, including natural pest control and home cleaning series
- Developed and reformulated cosmetic products (hand & body lotion, body wash, stretch mark lotion) and PKRT products (detergents) with focus on stability, safety, and product performance
- Conducted formulation trials and stability testing, optimizing formulations through iterative testing (10+ trials per product) to achieve desired pH, cost efficiency, and sensory profile
- Conducted and optimized formulation trials for **50+ traditional medicine products**, including oral liquid, powder, capsules, and topical dosage forms, contributing to formulation optimization and product development
- Managed preparation of Product Information File (DIP) and executed regulatory submission to Badan Pengawas Obat dan Makanan
- Managed PKRT product registration, including offline consultation with Kementerian Kesehatan Republik Indonesia and OSS to clarify regulatory requirements and ensure compliance.
- Coordinated with production and design teams to ensure product labeling and packaging comply with regulatory requirements

- Supported internal and external audits (BPOM, Halal, CAPA) and participated in preparation for UKOT stage 1 audit
- Demonstrated ability to handle both R&D and regulatory functions, bridging product development and compliance processes

BBPOM PADANG

February 2024 – March 2024

Laboratory Intern

- Prepared traditional medicine samples by systematically categorizing them into herbal medicines, jamu, and topical medicines to ensure accurate testing and efficient analysis, assisting with an average of **5–10 samples** per day.
- Assisted analytical testing using TLC and HPLC methods and organized and supported preparation of laboratory reports (30+ reports/week)

ORGANIZATIONAL AND COMMITTEE EXPERIENCES

HIMPUNAN MAHASISWA KIMIA (HIMKA) ANDALAS UNIVERSITY

March 2023 – December 2023

Entrepreneurship Division Member

- Organized an entrepreneurship webinar featuring a successful Chemistry alumni entrepreneur as a guest speaker, attended by over **100 participants**.
- Managed a student-run business within the Chemistry Department by selling products at the Chemistry Fair and leveraging social media promotions through paid ads, resulting in a **30% monthly** increase in sales.

27TH CHEMISTRY COMPETITION COMMITTEE, ANDALAS UNIVERSITY (LK XXVII) April 2023 – November 2023

Event Division Coordinator

- Led and coordinated a **22-member event division team** to ensure smooth preparation and execution of the annual national competition, conducting bi-weekly coordination meetings.
- Responsible for organizing **3 main competitions** (Scientific Writing Competition, Chemistry Quiz Bowl, and Individual Chemistry Contest) and **4 supporting events** (LK Challenges, Workshop, Fun Game, and Open Laboratory), involving a total of **300 participants** and achieving an **85% satisfaction rate**.
- Coordinated with committee members, performers, invited guests, and participants to ensure smooth event flow, including inviting **18 lecturers** as competition judges and ensuring the judging process followed standard procedures.

ACHIEVEMENTS

- **Participant in the PKM-RE Grant Program**, Kemendikbud Ristek, 2023. ([Link](#))
- **Successfully Organized the 27th Chemistry Competition as Event Division Coordinator**, Himpunan Mahasiswa Kimia Andalas University, 2023.

CERTIFICATIONS AND TRAININGS

- **Online Training Perbekalan Kesehatan Rumah Tangga**, Traineed Indonesia, 2025.
- **Covered Modules** : Pemahaman Regulasi dan Klasifikasi risiko PKRT (Kemenkes & BPOM), Proses registrasi dan perizinan izin edar PKRT serta dokumen Kritis, Penerapan GMP/CPPKRTB dan pengendalian mutu, kepatuhan labelling, distribusi, dan pengawasan (Audit) produk PKRT.
- **The Perfume Designer Training**, Essotic Aromatica, 2025.
Covered Modules : Basic formulation for perfume from raw material, diluting aroma, profiling aroma.
- **Perfume Innovation Non Alcohol Training**, Essotic Aromatica, 2025.
Covered Modules : Formulation for non alcohol perfume with 7 base : oily, milky, solid, cream, bi-phase, gel, mist.
- **Formulation Class Training – Skin Care & Hair Care**, Omoji (CV Karya Mudra Gemilang), 2025
Covered Modules : Water Based: (Face Wash, Toner, Moisturizer, Etc), Oil Based : (Multipurpose Balm, Face and Body Oil, Etc), Emulsion Based : Lotion. ([Link](#))
- **Sensory Training “Sensory Technique for Cosmetic Industry”**, Skinproof, 2025.
Covered Modules : Product Sensory as a Gear for Product Competitiveness, Introduction to Sensory Evaluation, Good Sensory Practice, Scientific Based Sensory Skincare and Cosmetics, etc. ([Link](#))

- **Training on “Compilation of Product Information File (PIF) for BPOM Cosmetic Products”,** Teman Group, 2025

Covered Modules : Introduction to Product Information Documentation, Main Components of PIF, Raw Material Information, Production Process, Product Claims, Safety and Efficacy, and more. ([Link](#))

PROJECT

- **Publication:** “Isolation of Essential Oil from Sicerek Leaves (*Clausena excavata* Burm.f.) and Insecticidal Activity Test Against *Crocidolomia pavonana* F. Larvae – a Pest of Cabbage Plants,” E-Thesis, Andalas University. ([Link](#))
- **Publication:** Chemistry Competition (LK-XXVII), Himpunan Mahasiswa Kimia Andalas University, 2023. ([Link](#))