

ALIFIAH NUR FATIKHA

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Makassar, South Sulawesi, Indonesia

Pharmacist with a strong interest in the beauty and cosmetics industry, experienced in formulation development through research projects involving ingredient selection, formulation optimization, and stability evaluation. Supported by 2.7 years as a laboratory assistant, strengthening proficiency in analytical instruments and product testing. Possesses a solid understanding of GMP and Quality Assurance practices with strong attention to detail and a commitment to developing safe, effective, and high-quality cosmetic products.

Education Level

Hasanuddin University  - Makassar

Aug 2024 - Jul 2025

Pharmacist Professional Study Program, 3.97/4.00

- Honors : Cumlaude

Hasanuddin University  - Makassar

Sep 2020 - Apr 2024

Bachelor of Science Pharmacy, 3.81/4.00

- Thesis: Development and Physical Characterization of Fucoxanthin Nanoemulgel from Brown Algae (*Sargassum* sp.) for Sunscreen Applications
- Achieved 1st Place at the National Scientific Writing Competition (LONTARA), 2022
- Achieved 2nd Place at the Marine Science National Scientific Writing Competition, Universitas Diponegoro, 2022
- Participated in 10+ campus events and community service programs, and led a team in a research project, demonstrating teamwork and leadership

Experiences

**PT. Konimex Pharmaceutical Laboratories -
Sukahorjo (On Site)**

Oct 2024 - Nov 2024

Quality Assurance Internship

- Reviewed current pharmaceutical regulations and quality standards (GMP, ISO, etc.), updating 10+ key points in the Standard Teaching Process Design (SRPM) to improve the clarity and effectiveness of refresher GMP training materials for 50+ production staff.
- Conducted a case study simulating a product withdrawal process following a complaint, performing risk assessment using FMEA and fishbone analysis to determine risk severity and propose corrective and preventive actions.
- Observed production activities through plant tours across multiple manufacturing areas, including solid, liquid, semisolid, sterile (eye drops), packaging, and warehouse operations.
- Reviewed Batch Manufacturing Records (BMR), improving understanding of QA documentation flow and compliance checks.
- Completed structured Research and Product Development training (8 learning hours), gaining knowledge of Quality by Design (QbD), Design of Experiments (DOE), QTPPs, CQAs, CMAs, CPPs, and product preformulation stages.
- Gained exposure to cosmetic regulatory activities, including BPOM cosmetic notification, advertising compliance, and documentation requirements for domestic and export submissions.

**Pharmaceutical Chemistry Laboratory of
Hasanuddin University - Makassar (On Site)**

Dec 2021 - Jul 2024

Assistant Laboratory

- Coordinated laboratory operations for ~50 students per session, ensuring adherence to procedures, safety standards, and workflow efficiency.

- Developed and organized practicum schedules for multiple laboratory classes, ensuring smooth execution across 20+ experimental sessions.
- Monitored the implementation of laboratory safety and quality standards, ensuring student compliance with established procedures and regulations.
- Evaluated errors or discrepancies that occurred during experiments and provided constructive feedback to improve techniques and laboratory processes.
- Developed and validated 30+ analytical procedures for pharmaceutical formulations, ensuring accuracy, reproducibility, and standardization.
- Performed instrumental analyses (spectrophotometry, chromatography, titration) on 50+ samples with high accuracy, strengthening precision and quality-oriented decision making

Research Project – Student Creativity Program (PKM-RE) - Makassar (On Site)

Jun 2022 - Sep 2022

Team Leader

- Led a research project developing an anti-aging sunscreen nanoemulgel with fucoxanthin from brown algae, improving formulation stability and efficacy.
- Optimized nanoemulsion-based gel systems, enhancing homogeneity and skin absorption efficiency by over 41.7%.
- Designed and evaluated 21 formulations, analyzing stability, viscosity, pH, spreadability, and particle size to select the most stable and consumer-acceptable prototype.

Organisational Experience

Student Executive Board of the Faculty of Pharmacy - Makassar

Jan 2023 - Jan 2024

Strategy and Advocacy Division Staff

- Improved student engagement by 30% through advocacy strategies.
- Led “Kelas Kastrad” program, delivering 3 sessions to develop critical thinking and advocacy skills for 20 participants.
- Published 4+ reports and press releases, reaching 500+ students and increasing participation in initiatives.

Skills & Training

- **Hard Skills:** Formulation & Product Development (solid, liquid, and semi-solid cosmetic formulations, stability and product testing, ingredient knowledge), Laboratory & Instrumental Analysis (method development, UV-Vis, HPLC, homogenizer, viscometer, pH meter), Regulatory & Compliance (cGMP/CPKB principles, structured documentation, BPOM awareness), Quality Management System (CAPA, document control, validation, deviation reporting, change control, root cause analysis), Risk Assessment (FMEA, Fishbone analysis)
- **Soft Skills :** Fast learner, strong analytical and critical thinking, proactive and adaptable, detail-oriented, problem-solving, effective communication, teamwork, leadership, project planning, and time management.
- **Software:** Microsoft Office (Word, Excel, PowerPoint), Google Workspace, Canva, SPSS, GraphPad Prism.
- **Training** 🕒 (2025): Completed an intensive Quality Assurance in Pharmaceutical Industry training delivered by Makin Ahli, covering GMP principles, quality management system, documentation practices, and compliance implementation.
- **Language** 🌐: Indonesian (Native proficiency), English (Professional working proficiency)