

ANNISA FITRI

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PROFESSIONAL SUMMARY

Chemistry graduate from Andalas University with hands-on experience in food and pharmaceutical laboratory environments through internships at PT Charoen Pokphand Indonesia (Food Division) and BPOM Padang. Proficient in physicochemical testing, GLP/GMP-compliant laboratory operations, SOP documentation, and operation of laboratory instruments. Familiar with ISO 17025 principles, proximate testing, food safety standards and Halal Assurance System (SJPH). Certified in Halal Product Process, electrochemical, volumetric and gravimetric analysis. Fast learner with strong analytical skills, attention to detail and leadership ability, able to work systematically to support quality management and documentation systems.

EDUCATION

Andalas University

August 2020 – January 2025

Bachelor of Science (B.Sc.) in Chemistry | GPA: 3.61/4.00

- **Relevant Courses:** Basic Chemistry, Analytical Chemistry, Physical Chemistry, Organic Chemistry of Natural Materials, Biochemistry, Food Chemistry, Chemical Statistics, Research Methods and Scientific Writing.
- **Final Project:** Extraction of Bioactive Compounds from *Spirulina Platensis* with Water and Ethanol Solvents Using Ultrasonic as Antioxidants and Antibacterial Activities.

WORK EXPERIENCE

Biochemistry Laboratory Assistant, Andalas University

February 2025 – July 2025

- Prepared and sterilized microbial culture media and reagents following aseptic techniques and laboratory SOPs.
- Conducted microbiological testing including antibacterial assays and enzyme activity analysis directly relevant to Analysis of microbiology requirements.
- Applied contamination control measures and laboratory hygiene standards, maintained equipment calibration and material readiness.
- Recorded and reported experimental data to support laboratory quality evaluation.

Basic Chemistry Laboratory Assistant, Andalas University

August 2024 – December 2024

August 2022 – December 2022

- Supported laboratory preparation and trial execution for basic chemical processes and reactions.
- Assisted in solution preparation, titration and reaction monitoring aligned with laboratory procedures.
- Maintained laboratory materials, equipment readiness and safety standards.

Chemical Analyst Intern, Indonesian Food and Drug Authority (BPOM) Padang

February 2024 – March 2024

- Conducted analytical testing and regulatory inspection of food, pharmaceutical and cosmetic products in a GMP-regulated environment.
- Assisted in heavy metal analysis and HPLC chromatography including prepared mobile phase solutions and supported HPLC instruments operations under controlled laboratory procedures.
- Performed sample handling, labelling and documentation to ensuring traceability and compliance with BPOM regulatory Standards.

Analytical Chemistry Laboratory Assistant, Andalas University

August 2023 – December 2023

January 2023 – May 2023

- Conducted and assisted in quantitative and qualitative analysis (Titration, Gravimetry and Identification of Cations and Anions).
- Supported laboratory trials and analytical testing through preparation of standard solutions and chemical reagents.
- Ensured SOPs compliance and accurate documentation of analytical results.

Chemical Analyst Intern, PT Charoen Pokphand Indonesia Tbk - Balaraja

July 2019 – December 2019

- Performed physicochemical and proximate testing of food raw material using validated methods: Gravimetry, Titration, UV-vis spectrophotometry, Bomb Calorimeter, Kjeldahl and Petroleum ether extraction.
- Prepared samples (Don & T-2) for Elisa-based mycotoxin contamination testing, contributing to food safety assurance and product quality control.
- Assisted in Chemical Management (IHRM) and Participated in Interlaboratory Comparison (ILC) to validate testing accuracy and ensure compliance with food laboratory quality systems.

- Managed chemical inventory using FIFO/FEFO and maintained documentation aligned with GLP and GMP standards, demonstrating strong understanding of food manufacturing quality system.

ORGANIZATIONAL EXPERIENCE

Andalas University Chemistry Student Association (HIMKA)

February 2023 – December 2023

Member of the Fundraising and Business Division

- Coordinated divisions activities with team members to achieve program targets.
- Managed activity records and reporting in collaboration with division leaders.
- Developed communication, coordination and responsibility skills relevant to leadership skill.

CERTIFICATIONS

- Certificate of Quality Control (QC), Quality Assurance (QA), Research and Development (R&D) In Food Industry, Makin Ahli, 2026
- Certificate of Current Good Manufacturing Practice (cGMP), Makin Ahli, 2026
- Certificate of Quality Assurance (QA) In Pharmaceutical Industry, Makin Ahli, 2026
- Certificate of Completion of Halal Product Process Assistant Training, Halal Product Assurance Agency Ministry of Religion of The Republic of Indonesia, 2026
- Certificate of Easy Way to Organize Documents in The Laboratory, Lab Mania, 2026
- Certificate of competence Electrochemical Analysis Scheme, Indonesia Professional Certification Authority, 2018
- Certificate of competence Volumetry Analysis Scheme, Indonesia Professional Certification Authority, 2018
- Certificate of competence Gravimetry Analysis Scheme, Indonesia Professional Certification Authority, 2017

SKILLS

- **Hard Skill:** GLP, GMP, SOP implementation, material management (FIFO/FEFO), Interlaboratory Comparison (ILC), laboratory instrument operation (UV-Vis, Autoclave, Incubator, Colony Counter, Microscope, LAF, Water bath, pH meter) and chemical analysis techniques (Gravimetry, Volumetry, Extraction, Antioxidant and Antibacterial testing).
- **Soft Skill:** Analytical & detail-oriented, problem-solving, team communication, time management, initiative, adaptability, responsibility, high accuracy, teamwork, discipline and critical thinking.
- **Software Skill:** Microsoft Office (Word, Excel, Power Point), Chemdraw Professional 15.0 and Canva.