

FITRIA HUMAIRA

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SUMMARY

Fresh graduate with a Bachelor's degree in Chemistry and practical experience in Quality Control, Laboratory Analysis, and Research and Development. Proficient in operating laboratory instruments such as HPLC and UV-Vis Spectrophotometers, with a solid understanding of Good Laboratory Practice (GLP) and Good Manufacturing Practice (GMP) standards. Experienced in raw material analysis, data processing, and product quality testing, with a strong ability to work in a detail-oriented, systematic, and procedure-driven manners.

WORK EXPERIENCE

PT Haldin Pacific Semesta

Dec 2025 – Aug 2026

Quality Control Intern

- Conducted 100+ sample tests per week on powder and liquid products, including Brix, pH, moisture content, refractive index (RI), density, and mesh size analyses.
- Performed % Stem and Water-Soluble Extract analyses to evaluate the quality of Black Tea raw materials.
- Operated HPLC to analyze active compounds, including caffeine, gingerol, and catechin.
- Conducted 35+ Chemical Oxygen Demand (COD) analyses using a UV-Vis spectrophotometer.
- Performed polyphenol, anthraquinone, HMF, and ginsenoside analyses using a UV-Vis spectrophotometer.
- Determined moisture content using a Karl Fischer Titrator (KFT).
- Prepared and maintained equipment usage logbooks in accordance with laboratory audit standards.
- Contributed to maintaining consistent product quality in accordance with company standards.

UIN Sunan Gunung Djati

Feb 2025 – Jul 2025

Organic Chemistry Laboratory Assistant

- Supervised 20+ students per laboratory session during physical chemistry experiments.
- Ensured the proper and safe use of laboratory equipment and materials in accordance with established safety procedures.
- Coordinated with lecturers and laboratory staff to ensure the smooth and effective execution of laboratory sessions.

UIN Sunan Gunung Djati

Oct 2024 – Dec 2024

Physical Chemistry Laboratory Assistant

- Supervised 20+ students per laboratory session during physical chemistry experiments.
- Ensured the proper and safe use of laboratory equipment and materials in accordance with established safety procedures.
- Coordinated with lecturers and laboratory staff to ensure the smooth and effective execution of laboratory sessions.

Balai Teknologi Air Minum Bekasi

Jun 2024 – Jul 2024

Laboratory Analyst

- Conducted physical, chemical, and microbiological water testing to assess water quality and suitability for consumption.
- Participated in a mini research project on peat water treatment, enhancing understanding of water treatment processes.
- Developed field equipment operating guidelines to improve the team's operational efficiency.

EDUCATION

UIN SUNAN GUNUNG DJATI

2021 - 2025

Bachelor, Chemistry

CERTIFICATIONS

- **Good Manufacturing Practices (GMP)** – Makin Ahli
- **Hazard Analysis and Critical Control Points (HACCP)** – Makin Ahli
- **ISO 22000:2018** – Makin Ahli
- **FSSC 22000 (Food Safety System Certification)** – Makin Ahli
- **Microsoft Excel Specialist (MOS)** – Basic Training – Information Technology and Data Center, UIN Sunan Gunung Djati Bandung
- **Test of English for Academic (TOEFA)** – Score: 490
- **Introduction to Good Laboratory Practices (GLP) and ISO/IEC 17025:2017** – PT Saff Suprima Utama

SKILLS

- **Technical Skills:** Physical, Chemical, and Microbiological Analysis; Laboratory Instrumentation (HPLC, UV-Vis Spectrophotometer).
- **Soft Skills:** Effective Communication, Accountability, Time Management, Teamwork.
- **Software:** Microsoft Office (Word, Excel, PowerPoint).
- **Languages:** Indonesian (Native), English (Intermediate).