

BELLA CINTYA

ANALYTICAL DEVELOPMENT ANALYST

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Chemistry graduate from Universitas Islam Negeri Walisongo Semarang with practical knowledge and skills in chemical analysis gained through theoretical coursework, laboratory practicals, a laboratory analyst internship, and a final research project. Experienced in laboratory testing, including proximate analysis, mineral analysis, sample preparation, evaluation of sample quality against established specifications, formulation development and trials, physical stability evaluation, in vitro testing, and experimental data processing and analysis. Skilled in operating equipment such as a homogenizer and laboratory instruments such as a UV-Vis spectrophotometer. Possess analytical thinking, problem-solving skills, attention to detail, and the ability to work effectively in a team. Interested in pursuing a career as an Analytical Development Analyst, applying experience in laboratory analysis and testing to support analytical method development and product quality evaluation in accordance with company requirements.

EDUCATION

Universitas Islam Negeri Walisongo Semarang

2022 - 2026

Bachelor of Science in Chemistry

GPA: 3.79/4.00 (Cum Laude)

EXPERIENCE

PT. SUCOFINDO (PERSERO)

January 2025 - February 2025

Laboratory Analyst Intern

- Prepared samples and conducted quality testing in accordance with Indonesian National Standards (SNI) and applicable standard methods while following SOP and OHS procedures
- Analyzed laboratory test results to assess compliance with applicable quality standards
- Processed test data and prepared laboratory reports systematically

THESIS RESEARCH PROJECT

January 2026 - June 2026

Thesis : Preparation and Characterization of Hesperidin Nanoemulsion Formulation

- Developed a hesperidin nanoemulsion formulation by optimizing ingredient composition to achieve formulation characteristics that met predefined standards based on the literature
- Characterized the hesperidin nanoemulsion using Particle Size Analysis (PSA)
- Evaluated the physical stability of the nanoemulsion through qualitative centrifugation testing
- Determined the in vitro drug release profile of the hesperidin nanoemulsion using the dialysis bag method and UV-Vis spectrophotometry
- Analyzed and organized experimental data to evaluate the formulation process and result

THE 4th CONFERENCE ON SUSTAINABLE CHEMISTRY AND INDUSTRY (CoSCI)

August 2026

International Conference Presenter

Presentation : Preparation and Characterization of Hesperidin Nanoemulsion Formulation

TRAINING & CERTIFICATION

Halal Product Process Assistance

February 13 - March 10, 2024

Walisongo Halal Center – Lembaga Pendamping Proses Produk Halal (LP3H)

SKILLS

Technical : Chemical Analysis & Laboratory Testing, Sample Preparation, UV-Vis Spectrophotometer Operation, Research Data Processing & Analysis using ChemSketch, OriginLab, Microsoft Office (Word, Excel, PowerPoint), Laboratory Documentation & Reporting

Interpersonal: Problem-Solving, Teamwork, Communication, Time Management, Adaptability, Attention to detail, and Analytical thinking.

Languages: Indonesian (Fluent), English (Intermediate) — TOEFL ITP: 467