

Relita Anugerah Mawati

CHEMISTRY | RESEARCH & ANALYSIS

Fresh Graduate Chemistry | Laboratory Analysis | R&D | QC/QA | Environmental

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RINGKASAN PROFIL

Fresh graduate with a Bachelor's degree in Chemistry from IPB University, with internship experience in materials R&D, laboratory analysis, and environmental testing. Skilled in sample preparation, laboratory testing, standards-based analysis, data processing, and technical documentation. Experienced in preparing and testing 311 laboratory samples, conducting material characterization using UV-Vis Spectrophotometry and X-Ray Diffraction (XRD), and processing and interpreting research data. Familiar with Good Laboratory Practice (GLP), ISO 9001:2015, ISO/IEC 17025:2017, Standard Operating Procedures (SOPs), and laboratory quality documentation. Interested in developing a career across Research & Development (R&D), Quality Control (QC), Quality Assurance (QA), laboratory analysis, environmental analysis, and environmental management.

PENDIDIKAN

IPB University, Bogor
S1 Chemistry, FMIPA
IPK 3.05 of 4.00

Aug 2022 – July 2026

PENGALAMAN PEKERJAAN

Badan Riset dan Inovasi Nasional (BRIN) – PRTBNLR, Serpong

Sep 2025 – Nov 2025

Research & Development Intern

- Conducted carbon steel corrosion testing using a GAMRY Reference 600 Potentiostat in accordance with ASTM G102-89.
- Analyzed corrosion testing data and calculated corrosion rates based on ASTM G102-89 to evaluate carbon steel corrosion resistance.
- Prepared and documented 83 laboratory samples for materials research activities.
- Supported research activities in accordance with Good Laboratory Practice (GLP), ISO/IEC 17025:2017, and laboratory safety procedures.
- Operated laboratory equipment for sample preparation, weighing, solution preparation, and materials testing.
- Recorded and verified 158 test results using Microsoft Excel to ensure data traceability and reporting accuracy.
- Supported laboratory documentation, sample traceability, and research result reporting

UPTD Laboratorium Kesehatan Daerah Kota Tangerang, Tangerang

Dec 2024 – Jan 2025

Laboratory Analyst Intern

- Prepared and tested 102 environmental, wastewater, and oily samples in accordance with laboratory procedures.
- Performed sample preparation, including filtration, dilution, and reagent solution preparation.
- Supported method validation activities, quality documentation, and test result recording based on ISO/IEC 17025:2017 principles.
- Maintained complete laboratory documentation in accordance with SOPs and quality management system requirements.
- Supported laboratory equipment inspection and calibration activities.

Direktorat Pendidikan Kompetensi Umum (DPKU) IPB University, Bogor

Aug 2024 – Juni 2026

Basic Chemistry Laboratory Assistant

- Prepared and tested 102 environmental, wastewater, and oily samples in accordance with laboratory procedures.
- Performed sample preparation, including filtration, dilution, and reagent solution preparation.
- Supported method validation activities, quality documentation, and test result recording based on ISO/IEC 17025:2017 principles.

- Maintained complete laboratory documentation in accordance with SOPs and quality management system requirements.
- Supported laboratory equipment inspection and calibration activities.

ACADEMIC PROJECT

Synthesis and Photocatalytic Evaluation of Natural Zeolite–TiO₂/ZnO/CuO Composite for Rhodamine B Dye Degradation

- Synthesized five photocatalyst composite variations using coprecipitation and impregnation methods.
- Prepared and tested 126 research samples throughout the experimental process.
- Characterized materials using UV-Vis Spectrophotometry and X-Ray Diffraction (XRD), with data processing and analysis using HighScore, Match!, and Microsoft Excel.
- Achieved up to 63.25% Rhodamine B degradation efficiency under the optimum catalyst composition.

ORGANIZATIONAL EXPERIENCE

Kader Lingkungan, BEM KM IPB University

Aug 2023 – May 2024

Head of Public Relations

- Coordinated and maintained communication with student organizations, external partners, and government institutions, including the Ministry of Environment and Forestry (KLHK), to support environmental programs and activities.
- Built and maintained collaborative relationships with various stakeholders to support environmental-based programs.
- Contributed to the planning, implementation, and evaluation of divisional programs and activities.

Ikatan Mahasiswa Kimia, IPB University

Aug 2023 – June 2024

External Affairs Staff

- Managed communication with student organizations and external partners to support the implementation of External Affairs programs.
- Supported student activities and organizational networking initiatives.
- Participated in the planning and implementation of External Affairs programs and activities.

CERTIFICATIONS & TRAINING

Good Manufacturing Practices (GMP) / CPPOB

Badan Standardisasi Nasional (BSN), August 2026 - August 2027, ID Credential ELSDS/BSN/16924/XXVI.

Sistem Manajemen Keselamatan dan Kesehatan Kerja Berbasis SNI ISO 45001:2015

Badan Standardisasi Nasional (BSN), August 2026 - August 2027, ID Credential ELSDS/BSN/16976/XXVI.

The 7 Habits of Highly Effective College Students

FranklinCovey, Juli 2022, ID Kredensial INN050222.

LANGUAGES & SKILLS

LANGUAGES

- **Bahasa Indonesia:** Native
- **Bahasa Inggris** : Intermediate

SKILLS

Instrumentation: GAMRY Reference 600 Potentiostat, UV-Vis Spectrophotometer, X-Ray Diffractometer (XRD);

Experience: corrosion testing, material characterization, sample preparation

Aplikasi : Microsoft Excel, Microsoft Word, HighScore Plus, Match!, Mendeley, PowerPoint