

Maulana Mahfud

Cikarang | maulmahfud.career@gmail.com
+62 813 5350 7799 | [linkedin.com/in/maulmahfud/](https://www.linkedin.com/in/maulmahfud/)



Chemistry graduate from Bandung Institute of Technology with professional experience as a QA/QC Officer in the diagnostic industry. Proven expertise in ensuring CDAKB and CPAKB compliance, managing OOS investigations, and executing analytical instrument validations. Experienced in applying good laboratory practices as a chemistry practical assistant, conducting sampling and sample analysis, and being responsible for product research and development. Emotionally stable, eager to learn, and determined-person. Highly interested in pursuing a professional career in multinational companies within the chemical, pharmaceutical, and FMCG industries.

EXPERIENCE

PT Prodia Diagnostic Line, Cikarang

Nov 2024 – Present

Quality Assurance Officer

- Managed environmental monitoring for >20 production and storage areas to ensure CDAKB and CPAKB standard, also conducted room validation during the Proline 1.0 to 2.0 site migration with zero deviations.
- Executed QC for >100 materials and products to ensure 100% adherence to analytical specifications, while managing OOS investigations and CAPA through reagent rework plans to maintain quality standards.
- Performed method validation and instrument comparison (TMS-24i, ERBA XL-200, DIRUI CS-T180) including accuracy, precision, LOD, LOB, linearity, and interference studies.
- Controlled and revised documents, including SOPs, Work Instructions, Kit Insert and MSDS with 100% accuracy to ensure full regulatory and audit compliance.
- Managed lab inventory and sample retention using 5S, ensuring zero discrepancies during monthly stock opname and waste disposal.

Bandung Institute of Technology, Bandung

Feb 2024 – May 2024

Practical Assistant

- Inorganic Chemistry Practice, handling 6-12 students each week in the synthesis of Cr(III) complex module and leading practical exams attended by more than 90 students;
- Analytical Chemistry Practice, handling 6 students each week and responsible for operating HPLC instruments;
- Chemometrics Practice, handling 30 students each week in data analysis using R;
- Environmental Chemistry Practice, responsible for sampling and analyzing water quality at Citepus Beach.

Bandung Institute of Technology, Bandung

Sep 2023 – Nov 2023

Practical Assistant

- Inorganic Chemistry Practice, handling 6-12 students each week in the synthesis of SnBi metal alloys using the electrodeposition method;
- Structure and Chemical Bonding Practice, handling 6 students each week in using Scidavis, Avogadro, Maxima, and Spectragryph software.

PPSDM Migas, Cepu

Jun 2023 – Jul 2023

Internship

- Experienced in sampling and determining BOD, COD, and ammonia levels in wastewater using UV-Vis Spectrophotometer.

EDUCATION

Bandung Institute of Technology, Bandung

Aug 2019 – Aug 2024

Bachelor of Science, Chemistry

GPA 3.36 of 4.00

- Earned Dean's List status (with a semester index over 3.50) for 3 semesters.
- Completed a thesis titled "The Influence of Sr^{2+} and Ag^+ Dopants on Lattice Parameter Changes and Apatite Formation in Biphasic Calcium Phosphate"

LEADERSHIP ACTIVITIES

HMK 'AMISCA' ITB, Bandung
2024

Jun 2023 – Apr

Head of Facilities

- Experienced in working with 7 head of departments and 15 head of divisions in the association's executive board;
- Experienced in managing goods, renovating buildings, and collaborative programs with other departments.

CERTIFICATIONS

ISO/IEC 17025:2017 Training

May 2023 – Mar 2024

Awareness Training, Validation and Verification, & Evaluation of Uncertainty Estimation

Integrated Management System Training

Jun 2024

SNI ISO 9001:2015, SNI ISO 14001:2015 & SNI ISO 45001:2018

LANGUAGES AND SKILLS

- Indonesian, English (Interpretative).
- MS Word, MS Excel, MS PowerPoint, R Studio, Origin, Adobe Photoshop.
- Interests: Data Analysis, Management, Film, Music, and Volunteering.