

Abda Rahmanita Khanza

Salatiga, Indonesia | +6285780446756 | khanzaabda0@gmail.com | www.linkedin.com/in/abdakhanzal

Chemistry graduate from Diponegoro University with hands-on experience in pharmaceutical analytical laboratory work. Proficient in executing and developing analytical methods, interpreting data, and operating instruments such as HPLC, UV-Vis, and FTIR. Detail-oriented, disciplined, and able to deliver accurate results both independently and in team environments, with strong motivation to contribute in analytical, quality control, quality assurance, or R&D roles.

EDUCATION

Diponegoro University | Semarang

Sep 2020 – Agu 2024

Bachelor's Degree in Chemistry | Inorganic Chemistry concentration | GPA: 3.88/4.00

- **Thesis:** Adsorption of Pb(II) Ions Using Modified Natural Zeolite Tetrapropylammonium Bromide (TPA-Br) with Response Surface Method (RSM)
- **Activities and Societies :** Laboratory Assistant and Chemistry Student Association

PROFESSIONAL EXPERIENCE

PT.Erlangga Edi Laboratory (Erela) | Salatiga

Mar 2025 – Now

Analytical Development Analyst

- Conducted routine and experimental analysis of pharmaceutical products using validated methods (HPLC, UV-Vis, FTIR) to ensure compliance with pharmacopeial standards and GMP requirements.
- Performed method development and validation (accuracy, precision, linearity), and analyzed data to support product quality and continuous improvement.
- Prepared accurate analytical reports, maintained GMP/GLP-compliant documentation, and handled instrument operation, calibration, and basic troubleshooting.

Private Tutoring Alfa Smart | Ungaran

Mar 2024 – Now

Chemistry Tutor

- Mentored 10+ high school students in fundamental chemistry, driving an average 25% improvement in academic performance through structured and results-oriented guidance.
- Designed personalized learning strategies and delivered targeted support for assignments and exam preparation, enhancing students' understanding, confidence, and independent learning skills.

Inorganic Laboratory, Diponegoro University | Semarang

Sep 2023 – Des 2023

Laboratory Assistant

- Supervised and guided 40 students through crystallization experiments, overseeing sample preparation, equipment setup, and the evaluation of results to ensure accurate and reliable outcomes
- Contributed to 10 lab sessions per semester, ensuring smooth execution of experiments while strictly adhering to laboratory safety protocols, minimizing risks, and maintaining a safe learning environment

Chemical Laboratory and Protection, PPSDM Migas | Cepu

Jan 2023

Analyst Intern

- Analyzed wastewater samples (BOD and COD) to ensure compliance with environmental regulations and support sustainability efforts
- Contributed to the development of waste management protocols and prepared accurate reports to support environmental decision-making

ORGANIZATION EXPERIENCE

Chemistry Student Association, Diponegoro University | Semarang

Feb 2021 – Feb 2022

Junior Staff of Human Resources Development Division (PSDM)

- Managed 6 training programs for over 100 members, focusing on skill development and professional growth, significantly enhancing their capabilities.
- Organized 6 PSDM events, including seminars and workshops, attracting 80+ participants and delivering valuable insights for personal and professional advancement.

CERTIFICATIONS

- **Makin Ahli** **Feb 2025**
Course : Good Manufacturing Practices (GMP)
- **Teman Group** **Okt 2024**
Course : Basic Instrument High Performance Liquid Chromatography (HPLC)
- **Chemistry Student Association, Diponegoro University** **Sep 2024**
Course : ISO 17025:2017 – Laboratory Management System

SKILLS

Technical Skills

- **Instrumental Analysis** : Skilled in HPLC, with experience in UV-Vis, FTIR, and GC-MS for qualitative and quantitative analysis.
- **Laboratory Techniques** : Strong expertise in laboratory testing, analysis, and sample preparation in compliance with standard procedures
- **Data Analysis** : Proficient in processing experimental data using Origin, ChemDraw, and statistical tools like Minitab and Design Expert.
- **Process and Safety Knowledge** : Knowledgeable in laboratory safety protocols, chemical waste management, and good laboratory practices (GLP).
- **Software Skills** : Proficient in Microsoft Office Suite (Word, Excel, PowerPoint)

Soft Skills

- **Critical Thinking** : Analyze problems and make decisions based on data.
- **Detail-Oriented** : Ensure accuracy and precision in tasks and experiments.
- **Problem Solving** : Identify challenges and find effective solutions quickly.
- **Time Management** : Prioritize tasks and meet deadlines efficiently.
- **Team Work** : Work well with others to achieve shared goals.
- **Effective Communication** : Clearly present ideas in writing and speech.

Language

- Indonesian, English