



WAHYU KARTIKA FEBRIANTI

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Karawaci, Tangerang, Banten

I am Graduate of Chemistry. I am interested for a career in the fields of Quality Control Analyst & Quality Assurance, chemical and laboratory analyst, research and development (R&D), production process, and chemical process. Proficient in chemical analysis, laboratory equipment, and testing instruments. I have good knowledge in food safety management system and have obtained certification training in SNI ISO 9001:2015 and SNI ISO 45001:2018 from BSN. I am a person who can work well as a part of a team or my own. Challenges and experiences are the main goals that I always strive for.

WORK EXPERIENCES

PT. Lapi Laboratories - Cikande, Serang, Banten

May 2024 - Present

Quality Control Analyst

- Conduct chemical testing on finished good products (e.g., tablets, powders, capsules) to ensure quality and compliance with standards.
- Perform drug content analysis using HPLC, UV-Vis spectrophotometer, potentiometric methods, and other analytical techniques.
- Utilize a dissolution tester to measure the release of active ingredients from pharmaceutical formulations, and use TLC and FT-IR for compound analysis and identification.
- Prepare detailed test reports and contribute to improving testing efficiency by optimizing workflows.

CV. Kreasi Abadi (Karya Group) - Sukabumi, Bandar Lampung, Lampung

Nov 2023 - May 2024

Chemical Analyst

- Responsible for conducting chemical analysis such as moisture content and formaldehyde testing on raw materials (veneer) and finished products (bed slats) in accordance with industry standards and regulations.
- Perform physical testing such as Modulus of Elasticity and Modulus of Rupture on manufactured products to ensure compliance with established quality specifications.
- Play a key role in compiling and maintaining accurate analysis documentation and systematically managing testing records.
- Collaborate with the production team to identify and address quality issues that may arise during the manufacturing process.
- Actively participate in quality improvement activities by providing suggestions and recommendations for more efficient and effective production processes.

Chemistry Laboratory of Sumatera Institute of Technology - South Lampung

Aug 2021 - Jul 2022

Laboratory Assistant

- Researched as a laboratory assistant for 3 courses: fundamentals of analytical chemistry, chemical analysis methods, and polyfunctional organic chemistry.
- Provided direction and trained to 50+ students in understanding the principles of chemical analysis and laboratory techniques in each practicum.
- Responsible for assessing and evaluating in the form of appraisal reports

Center for Standardization and Industrial Services (BSPJI) - Bandar Lampung

Jun 2022 - Aug 2022

Laboratory Analyst

- Conducted testing and analysis of samples: packaged drinking water (AMDK) and wastewater.
- Performed calibration and sample testing using AAS & UV-Vis Spectroscopy.
- Assisted in the verification and validation process of analysis methods.
- Completed sample analysis in accordance with ISO 17025 and ISO 22000 standards, and was capable of implementing GMP and HACCP standards

EDUCATION LEVEL

Sumatera Institute of Technology - South Lampung

Aug 2019 - Aug 2023

Bachelor Chemistry, 3.51/4.00

- Thesis : Isolation and Characterization of Pectin from Citrus Peel Waste (Citrus sp) by Extraction Method using HCl Solution.

ORGANIZATIONAL EXPERIENCE

Chemistry Student Association of ITERA - South Lampung

Mar 2022 - Feb 2023

Head of Commission III in Legislature

- Led the evaluation process of the draft Articles of Association and Bylaws (AD-ART) of the Chemistry Student Association.
- Scheduled meetings in the bylaws evaluation process with 4 members of Commission III.
- Was responsible for developing the bylaws from the results of discussions conducted by Commission II.

Lampung Leadership Forum (LLF) - Bandar Lampung

Aug 2021 - Dec 2021

Head of events

- Led and was responsible for 50+ committees of Lampung Leadership Forum (LLF) 2.0.
- Was responsible for conceptualizing the event, providing guidance to each division head, scheduling plenary meetings, and leading meetings and discussions.
- Successfully secured the participation of more than 100 event participants to join LLF 2.0.

ADDITIONAL

- **Certification** (2023): SNI ISO 9001: 2015 - Quality Management System Requirements | BSN
- **Certification** (2023): SNI ISO 45001:2018 - Occupational Health and Safety Management System | BSN
- **Presenter** (2023): The 27th National Symposium on Natural Materials Chemistry at ITB
- **Soft Skills**: Leadership, Problem Solving, Interpersonal, Teamwork, Critical and analytical Thinking, Disiplined, & Responsible
- **Hard Skills**: Chemical analysis, Laboratory operations, GMP, HACCP Plan, UV-VIS Spectroscopy, AAS, FT-IR Spectroscopy, HPLC, Documents verification and validation technique, Microsoft Office, Chemdraw, WinSCP, Avogadro, OriginLab
- **Language Proficiency**: Bahasa Indonesia (Native Language), English (Intermediate, TOEFL score : 530))