

EKSAN AR RASYID

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Sidoarjo, East Java, Indonesia

Graduate of the Chemistry Program at Airlangga University with a strong foundation in basic chemical analysis and hands-on experience in operating various instruments including UV- Vis Spectrophotometer, Voltameter, Viscometer, Conductivity Meter, pH Meter, Stuart Melting Point Apparatus, and techniques in Quantitative Analytical Chemistry. My expertise lies in ensuring product quality through rigorous sampling, testing, and adherence to Standard Operating Procedures (SOPs). I have a proven track record of implementing In Process Control (IPC) and Final Quality Control (FQC) measures for over 30 batches monthly, maintaining meticulous records and generating insightful Product Quality Data Analysis (PQDA) reports. Beyond technical proficiency, I am adaptable, collaborative, and passionate about contributing to product innovation and optimization. I am eager to contribute my skills and knowledge to drive innovation and excellence in the industry.

Education Level

Airlangga University – Surabaya, East Java

Aug 2019 - Jul 2023

Bachelor Degree in Science, 3.45/4.00

- Relevant Courses: Applied Analytical Chemistry, Instrumental Analysis, Laboratory Management.

Work Experiences

PT. Mursmedic Jaya Mandiri – Cikarang, West Java

Sept 2023 - Now

Quality Control Officer

PT Mursmedic Jaya Mandiri (MJM) is a company that helps clients focus and excel in their core businesses by providing manufacturing services for medical devices and household products.

- Executed incoming raw material sampling and laboratory testing to verify compliance with Certificates of Analysis (CoA), product specifications, and established quality standards before production release.
- Performed In-Process Control (IPC) and Final Quality Control (FQC) inspections for **30+ production batches per month**, ensuring all products consistently met acceptance criteria, defect specifications, and regulatory requirements.
- Monitored in-line manufacturing activities and conducted line clearance to ensure GMP compliance, prevent cross-contamination, and maintain production readiness.
- Conducted pilot-scale manufacturing trials and evaluated product quality to support successful process scale-up from R&D to commercial production.
- Executed stability testing to assess product quality, consistency, and shelf-life performance under designated storage conditions.
- Collected, verified, and analyzed **60+ quality control data points per batch** using the Product Quality Data Analysis (PQDA) system, supporting quality trend analysis and continuous process improvement.
- Prepared and generated Product Quality Data Analysis (PQDA) reports to support product quality evaluation, process performance monitoring, and management decision-making.
- Collaborated closely with Production and R&D teams to monitor critical process parameters, verify product conformity, and ensure smooth technology transfer into commercial manufacturing.
- Prepared and reviewed Batch Processing Records (CPB) and Batch Packaging Records (CKB) to ensure documentation accuracy, traceability, and compliance with GMP requirements.
- Supported quality investigations by documenting inspection findings, providing analytical data, and assisting root cause analysis for non-conforming products and process deviations.
- Developed and improved Standard Operating Procedures (SOPs) and Work Instructions (WIs) to enhance inspection consistency, operational efficiency, and compliance with Quality Management System (QMS) requirements.
- Established organoleptic testing procedures by developing SOPs and WIs based on **ISO 8589:2007, ISO 8586:2023, and SNI 01-2346-2006**, ensuring standardized sensory evaluation practices.

PT. Pertamina Lubricants – Gresik, East Java
Quality Assurance Internship

Jan 2022 - Feb 2022

Pertamina Lubricants is a company engaged in the production and distribution of lubricants in Indonesia. PT Pertamina Lubricants is a subsidiary of PT Pertamina (Persero), which is a state-owned energy company in Indonesia.

- Conducted comprehensive analysis of lubricants through utilization of diverse testing methods, including FTIR spectrophotometer for meticulous composition analysis, Karl-Fischer titration for precise water content assessment, and viscosity meter for exacting viscosity measurement.
- Applied extensive knowledge of industry-leading quality standards, encompassing ISO and ASTM regulations, during the analytical processes, ensuring adherence to rigorous benchmarks.
- Executed meticulous and accurate analyses, yielding valid and reliable test results, while adeptly interpreting complex test data and crafting articulate, informative analysis reports.
- Collaborated seamlessly within laboratory teams, actively participating in discussions and knowledge sharing, driving collective efforts toward the achievement of shared objectives.

Airlangga University – Surabaya, East Java
Instrumentation Analysis Laboratory Assistant

Feb 2023 - Apr 2023

Laboratory assistant for the Instrumentation Analysis course, which includes practical sessions on various laboratory equipment that are beneficial for supporting students hard skills.

- Applied knowledge in voltammetry techniques and chemical analysis methodologies, making valuable contributions to research and development endeavors.
- Implemented strict adherence to industry-specific standards and established procedures, ensuring smooth operations in both laboratory and industrial environments.
- Assisted 15 students in their learning process by providing direct help and engaging demonstrations on complex instruments and cutting-edge electrochemical techniques.
- Organized careful preparation and ensured the quality of solutions and voltameters for effective functionality, resulting in optimal outcomes.

Organizational experience

Himpunan Mahasiswa Kimia Universitas Airlangga – Surabaya, East Java
Expert Staff Infokom

Jan 2021 - Des 2021

An organization or forum for students who study or have an interest in the field of chemistry at Airlangga University. This organization aims to gather and accommodate chemistry students in various academic, social, and personal development activities.

- Collaborated within organizational teams, actively contributing to joint projects, and fostering harmonious collaboration with diverse members to attain shared objectives.
- Demonstrated adept leadership by orchestrating and coordinating organizational activities, proactively initiating actions, and guiding team members towards successful outcomes.
- Capable of identifying problems and challenges that may arise in organizational projects, and taking steps to find effective solutions.

Certification

ISO 19011:2018 Guidline on Auditing Quality Management Systems
Certified by TÜV Rheinland Group

TÜV Rheinland Group - Jan 2024

- standard that regulates the auditing of management systems, including quality management systems. It provides guidelines on audit principles, managing audit programs, conducting audits, and evaluating auditor competence, emphasizing a risk-based approach to ensure effective and consistent audits.

ISO 14971:2019 Medical Devices Application of Risk Management to Medical Devices

TÜV Rheinland Group - Jan 2024

Certified by TÜV Rheinland Group

- Standard that regulates the application of risk management to medical devices. It provides a framework for identifying, evaluating, controlling, and monitoring risks throughout the device's lifecycle to ensure that potential hazards are minimized and the benefits outweigh the risks.

ISO 13485:2016 Medical Devices Interpretation and Internal Audit

SGS Academy - Oct 2023

Certified by SGS Academy Indonesia

- International standards governing risk management for medical devices. These standards provide systematic guidelines for identifying, evaluating, and controlling risks associated with the use of medical devices.

Skills, Achievements & Other Experience

- **Soft Skills:** Adaptive, capable of teamwork, responsive, good time management, creative, ambitious, problem-solving, detail-oriented, curious, good communication, fast learner.
- **Hard Skills:** UV- Vis Spectrophotometer, Voltmeter, Viscometer, Conductivity Meter, pH Meter, Stuart Melting Point Apparatus, Basic Quantitative Analytical Chemistry, MS Word, MS Excel, Pixellab, Adobe Premiere.
- **Achievements** (2021): Participated and successfully obtained funding of Rp 7,500,000 from the Entrepreneur Student Program (PMW) as a representative of the start-up develop.id.
- **Achievements** (2021): Participated in and won 3rd place in the National Essay Competition by Community Development Plan 2021.
- **Projects** (2021): Commite Member of International Community Service in Sine Village, Tulungagung, East Java that collaborated with various stakeholders to achieve the best outcomes and demonstrated genuine concern for the community's well-being, aiming to improve their quality of life and the surrounding environment.
- **Projects** (2022): Community Service Member Department of Chemistry Airlangga University that focus on provided education on using medicinal plants for public health.
- **Training** (2023): Food Safety (GMP, HACCP, ISO 22000, FSC 22000) held by Makin Ahli.