

NURJANNAH PUSPANINGRUM

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Mojokerto, East Java

Chemistry graduate with hands-on experience in petrochemical laboratory analysis and pharmaceutical quality control operations. Proficient in operating analytical instruments including HPLC, GC-MS, UV-Vis Spectrophotometer, and FT-IR, supported by strong knowledge of analytical testing workflows, chromatographic monitoring, laboratory documentation, and GMP/GLP standards. Detail-oriented individual with strong analytical capabilities and interest in developing a career in Quality Assurance (QA), Research and Development (R&D), and Product Development, while leveraging foundational experience in Quality Control within the pharmaceutical industry.

Work Experiences

PT. Novapharin Pharmaceutical Industries - Gresik, East Java

April 2024 – July 2025

Quality Control (Instrument Operator) - Contract

PT. Novapharin is a pharmaceutical company established to produce medicines according to BPOM standards.

- Performed analytical testing in accordance with laboratory schedules and applicable GMP requirements.
- Ensured instrument readiness and proper analytical system conditions prior to testing execution.
- Verified the completeness of Batch Testing Records (CPB) and supporting testing documents before analysis.
- Supported routine pharmaceutical product testing using HPLC and GC instruments in line with established laboratory procedures.
- Reviewed chromatograms, confirmed analytical results met specified acceptance criteria, and recorded testing results into Batch Testing Records (CPB).
- Processed analytical data, prepared printed testing reports, completed instrument logbooks, and maintained accurate laboratory documentation.

Education Level

Brawijaya University  - Malang, East Java

Aug 2019 - Jul 2023

Bachelor of Chemistry, 3.60/4.00

- Minor in Biochemistry
- Completed a chemistry project carried out in groups entitled Formulation and Evaluation of Alcohol-Based Gel Hand Sanitizer with Addition of Silver Nanoparticles.
- Completed a thesis project entitled Microencapsulation of Black Cumin (*Nigella sativa* L.) Ethanol Extract with The Effect of Chitosan Concentration and Stirring Time and In Vitro Antioxidant Activity Test.
- Appointed as communication and information division staff at the Student Association.

Organizational and Other Experiences

Laboratory Assistant Brawijaya University - Malang, East Java

Aug 2022 - Dec 2022

Biochemistry Laboratory Assistant

An academic support role responsible for assisting lectures in implementation of biochemistry laboratory practicum, student supervision, and laboratory competency evaluation.

- Supervised and mentored 40+ students during laboratory practicum, ensuring proper experimental procedures and safe laboratory practices.
- Guided small student groups in developing laboratory skills and understanding biochemical analysis techniques.
- Delivered practical demonstrations on spectroscopy, micropipetting, and analysis of biological compounds.
- Monitored student attendance, evaluated laboratory performance, and assessed practicum competencies.
- Reviewed student practicum reports and provided constructive feedback for analytical and technical improvement.
- Assisted in developing practicum modules and final laboratory examinations.

PT. Trans-Pasific Petrochemical Indotama - Tuban, East Java

Jul 2022 - Aug 2022

Laboratory Analyst - Intern

PT. TPPI is a petrochemical company that produces aromatics and petroleum/mogas products.

- Conducted a research project on comparative testing of carbon content measurement in alumina catalyst using ASTM E-1019 method and UOP 703 analytical method.
- Gained hands-on experience with a laboratory quality management system, including equipment testing using Quality Control Material (QCM).

- Prepared and analyzed water samples from Wastewater Treatment Plant (WWTP), Water Treatment Plant (WTP), and Power Generator Plants to determine chemical compound content, pH, conductivity, and alkalinity.
- Performed sample preparation and laboratory testing on raw materials, intermediates product, and finished products in accordance with ASTM – American Society for Testing and Materials & UOP – Universal Oil Product.
- Supported routine chemical analyses including water content, bromine index, total chloride in alumina, pour point, flash point, viscosity, and other quality parameters.

Brawijaya Chemistry Week - Malang, East Java

Apr 2021 - Sep 2021

Treasure

A national event organized by the Chemistry Student Association of Brawijaya University, featuring a 3-Minute Research Competition, seminars, and TOEFL preparation.

- Managed budgeting and financial transactions for departmental student event involving 100+ participants.
- Controlled fund allocation, documented all expenditures, and prepared post-event financial report.
- Coordinated with internal divisions and external vendors regarding payment and budget approval.

Chemistry Student Association - Malang, East Java

Feb 2020 - Jan 2021

Staf of Communication dan Information Division

An organization of chemistry students at Brawijaya University that serves as a platform for developing academic and non-academic potential.

- Manage and evaluated social media performance to make it interesting, informative, and sympathetic.
- Developed publication timelines build relationships with audiences on social media.
- Created interesting and interactive content by brainstorming popular issues that builds connections with audience on social media.
- Collaborated with other departments to manage reputation, improve, and ensure content management by creating interesting, informative, and sympathetic social media content on Facebook, Instagram, Line, and Youtube.

Skills & Other Experience

• **Soft Skills**

Analytical Thinking, Attention to Detail, Documentation Accuracy, Problem Solving, Time Management, Compliance Awareness.

• **Technical Skills**

High- Performance Liquid Chromatography (HPLC), Gas Chromatograph (GC), UV- Vis Spectrophotometer, Fourier-Transform Infrared Spectroscopy (FT- IR), LabSolutions Software Operation, Chromatogram Monitoring & System Suitability Checking, GMP Documentation, and Microsoft Office (Word, Excel, and Power Point).

• **Certification** ☒

Microsoft Office Dekstop Application (2022), Mass Spectrometry Summer Course FH Aachen (2022), GMP (Good Manufacturing Practices) (2023), FSSC 22000 Version 6.0 (Food Safety System Certification) (2023), HACCP (Hazard Analysis and Critical Control Point) (2023), ISO 22000:2018 (Food Safety Management System) (2023), QA in Food Industry (2023), QC in Food Industry (2023), ISO 17025:2017 (Laboratory Quality Management System), ISO 14001:2015 (Environmental Management System) (2023), and ISO 45001:2018 (Occupational Health & Safety Management System) (2023).