

ANASTASYA CURIE SITANGGANG

Jakarta | anastasyacurie2003@gmail.com | +6281219553598 | www.linkedin.com/in/anastasyacurie

EDUCATION

Semarang State University | Bachelor of Chemistry in Inorganic Chemistry

[August 2021 – April 2025]

- **GPA:** 3.78/4.00
- **Area of Interest:** Inorganic Chemistry, Analytical Chemistry, Organic Chemistry, Material Chemistry, Biochemistry, Microbiology, Environmental Chemistry, and Sensor Chemistry.
- **Article Published:** [\[Publikasi Artikel-1\]](#) dan [\[Publikasi Artikel-2\]](#)

EXPERIENCES

Quality Control Work in Process and Finished Goods – PT Mersifarma

[February – June 2026]

- Perform sampling and testing of WIP and FG products (assay, dissolution, KB, KK, pH, viscosity, hardness, disintegration time) using a pH Meter, UV-Vis, FTIR, and HPLC to ensure compliance with specifications and release eligibility in accordance with SOPs and GMP.
- Handling Out of Specification (OOS) results through investigation, retesting, and coordination with the production team to identify the root cause of the deviation and maintain product quality standards.
- Completely and accurately record and document analysis results in batch records, instrument logbooks, and test reports; compile Certificates of Analysis (COA); and verify packaging, labels, batch numbers, and expiration dates prior to the release process.
- Collaborate with other QC departments and R&D teams in investigating deviations and evaluating analysis results, with the responsibility of ensuring data and method consistency between departments through technical coordination and review of test results in accordance with GMP and data integrity, so that the testing and release processes run accurately and on time.

Inventory and Quality Control Product – PT Tigaurat Buhit Jaya

[October – December]

- Responsible for ensuring the suitability, quality, and traceability for incoming drugs, as well as supporting the inventory documentation process to meet audit requirements and distribution to hospitals.
- Receiving and verifying drugs by matching incoming goods against shipping manifests and waybills; compiling and managing stock cards for more than 100 types of drugs.
- Perform initial quality control, including checking quantities, packaging conditions, and expiration dates.
- Prepare goods receipt documents for distribution to hospitals, and coordinate with relevant teams using written documentation based on Ms. Excel.
- The medicine receiving and control process is 100% efficient and complies with BPOM standards, inventory data is accurately documented, and supports the smooth distribution of 80+ types of medicines to hospitals without any audit findings of non-compliance.

Renewable Energy – Amati Indonesia

[August – January 2025]

- Develop a comprehensive budget plan worth IDR 600 million that covers the initial capital requirements for the construction of a micro-hydro power plant, installation of a hydroponic system, operational costs, and long-term revenue projections, while ensuring alignment between technical aspects and revenue.
- Conduct a financial feasibility study and evaluate the economic benefits of the project, cost efficiency, and long-term sustainability, as well as identify potential funding sources (investors, grants, CSR, or loans), establish a budget allocation strategy, and analyze financial risks arising from price fluctuations, maintenance costs, and market uncertainty. Demonstrate through the feasibility study that ideas, concepts, and cost and technical designs are structured optimally with up to 85% accuracy.
- Analyze PLTMH power calculations (water flow, elevation, efficiency) for kWh estimates, hydroponic electricity needs, and their impact on financial feasibility, specifically in Poso, Central Sulawesi [\[Certificate\]](#).

Laboratory Assistant Inorganic Chemistry– Semarang State University

[August – December 2024]

- Support 60 students who will begin R&D activities in preparing, managing, and ensuring the readiness of laboratory equipment and material as needed [\[Certificate\]](#).
- Responsible for implementing raw material selection and initial quality control by monitoring the quality, use, and suitability of materials for research purposes.
- Preparing and verifying specific MSDS reviews prior to use, guiding the use of testing methods in accordance with SOPs, recording data on material use and equipment conditions, and performing maintenance and calibration of laboratory equipment.
- Successfully developed laboratory activities to run safely and in a standardized manner with 95% SOP compliance, 90% practicum success, and 100% documentation accuracy, thereby supporting the smoothness and reliability of the R&D process.

Research and Development (R&D) – National Research and Innovation Agency (BRIN)

[February – August 2024]

- Assist in the design, formulation, validation, and stability testing plans in accordance with 2 research topics being developed by the research team.
- Conducted analysis of material and equipment quality standards to support the development of medical manufacturing materials, including the preparation of chemicals, samples, and laboratory equipment in compliance with GMP and GLP standards.
- Performed systematic recording of experimental results in workbooks and log sheets as official research documentation, while maintaining laboratory cleanliness, safety, and organization in accordance with 5R principles.
- Coordinated with other cross-divisions such as field supervisors, characterization technicians, and research partners to address technical challenges and report interim research findings; actively participated in research group discussions to evaluate research progress, methodology, and preliminary results.
- Conducted scientific literature reviews to establish theoretical frameworks supporting data analysis and interpretation of results.
- Processed and transformed raw experimental data into structured datasets using data analysis and visualization software [\[Certificate\]](#).
- Performing raw material selection by reviewing technical specifications and MSDS to ensure that materials and laboratory equipment are safe, meet standards, and support R&D activities.

TRAINING AND CERTIFICATION

• Kementerian Tenaga Kerja

[September 2025]

General Occupational Safety and Health Expert, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 22000:2018, FSSC 22000, Health & Safety Management System Based on SMK3 PP No. 50 Tahun 2012