

SELVIA NINGSIH

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Chemistry graduate with hands-on experience in analytical instrumentation (GC-MS, FTIR, UV-Vis, TOC Analyzer). Experienced in conducting laboratory analysis, identifying product defects, and supporting quality control processes. Proven ability to work with cross-functional teams to ensure product compliance and process efficiency. Seeking a position in Quality Control or Research & Development.

EDUCATION

Universitas Negeri Jakarta <i>Bachelor of Science in Chemistry</i> ● GPA:3.71 / 4.0 ● Award: Bronze Winner of International Research Poster Competition held by 4th SMIC, Indonesia (2024) ● Relevant Coursework: Industrial Chemistry, Instrument Analysis Chemistry, and Natural Product Chemistry	Jakarta, Indonesia Sep 2020 - Jul 2024
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PROFESSIONAL EXPERIENCE

PT Esora Medika Indonesia Production Intern ● Participated in the development and production of InaDBS, handling tasks such as product inspection, defect identification, and packaging evaluation ● Consistently met daily production targets while adhering to Standard Operating Procedures (SOPs) and maintaining product quality ● Ensured safety and cleanliness in the lab environment by implementing GMP and observing proper biosafety protocols, in line with the nature of biological sample-based products ● Actively coordinated with the quality control team to detect and resolve production-related problems early on	Jakarta, Indonesia Feb 2025 -Mar 2025
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Universitas Negeri Jakarta Laboratory Assistant of Physical Chemistry ● Prepared and calibrated laboratory instruments to ensure high accuracy and reliability of experimental results ● Supervised 31 students in lab procedures, ensuring compliance with safety and SOP standards ● Evaluated and provided feedback on student laboratory reports to improve understanding of analytical concepts	Jakarta, Indonesia Feb 2024 - Jul 2024
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National Kaohsiung University of Science and Technology Research Intern ● Conducted isolation, extraction, and identification of main compounds from algae species found in lake environments. ● Performed quantitative analysis of Total Organic Carbon (TOC), nitrogen, and phosphorus to evaluate cultivation system performance ● Operated analytical instruments including GC-MS, UV-Vis spectrophotometer, and TOC analyzer for laboratory testing ● Ensured accurate data recording and analysis to support research findings	Kaohsiung, Taiwan Jul 2023 - Oct 2023
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ADDITIONAL INFORMATION

Languages: Fluent in Indonesia; Intermediate in English
Certifications & Training: Shimadzu UV-1900i, UV-2600i & IRSpirit-X Operational Training By PT Ditek Jaya
Technical Skills: ChemSketch, Origin, Microsoft Office (Excel, Word, PowerPoint)
Non-technical Skills: Analytical Skills, Research, Teamwork, Time Management, Critical Thinking
Lab Skills: GC-MS, FTIR, UV-Vis Spectrophotometer, TOC Analyzer, pH Meter