



# FADHILAH NURFITRIA INDRIYANTI

(+62) 855-8040-156 | fadhilahnurfitriya20@gmail.com | linkedin.com/in/fadhilah-nurfitriya-indriyanti  
Depok, Indonesia, 16452

Fresh Graduate with a Diploma IV in Chemical Analysis from IPB University, skilled in instrumental analysis, laboratory testing, method validation, and Occupational Health & Safety (OHS). Experienced through internships in industrial and service laboratories accredited with SNI and ISO/IEC 17025, ISO 9001, ISO 14001, ISO 22000, ISO 45001 standards. Detail-oriented, analytical, and adaptable, with the ability to work both independently and collaboratively. Highly motivated to pursue a career in Quality Control (QC), Research & Development (R&D), Chemical Analysis, and the operation of modern laboratory instruments (UV-Vis and HPLC).

## EDUCATION

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| <b>IPB University - Bogor, West Java</b><br><b>Diploma IV Applied Chemistry Analysis</b><br>Graduate on Time, 2025   GPA: 2,99/4,00   <b>Focus areas:</b> analytical, pharmaceutical, environmental, food, natural product chemistry, eager to contribute to quality control and research development in modern laboratories.<br><b>Final Assignment:</b> Validation of a Method for Determining Citral Content in Bar Soap using High-Performance Liquid Chromatography. | <b>Aug 2021 - Aug 2025</b> |
| <b>SMA Negeri 99 Jakarta - Major MIPA - East Jakarta</b><br>Average raport: 78,86                                                                                                                                                                                                                                                                                                                                                                                         | <b>Jan 2021 - Dec 2023</b> |

## ORGANIZATION

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| <b>Chemical Cooperative - Bogor, West Java</b><br><b>Chairperson</b> <ul style="list-style-type: none"><li>Led and managed the cooperative's board.</li><li>Coordinated operations within the cooperative.</li><li>Developed policies and work programs.</li></ul> | <b>Jan 2021 - Dec 2023</b> |
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## PROJECT

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| <b>Project - Based Learning Nanotechnology in Chemistry Course - Bogor, West Java</b><br>"The Effect of Temperature on The Extraction Using The Ultrasonic Assisted Extraction (UAE) Method on The Application of AgNP to The Growth Response of Watermelon (Citrullus Lanatus) Seeds." | <b>Apr 2024 - May 2024</b> |
| <b>Project - Based Learning Chemical Sensors and Biosensors in Chemistry Course - Bogor, West Java</b><br>"Prototipe of an Alcohol Sensor Based on MQ3 and Arduino Uno for Testing Alcohol in Branded and Refill Parfume Samples."                                                      | <b>Apr 2024 - May 2024</b> |
| <b>Project - Based Learning - Petrochemicals and Polymers - Bogor, West Java</b><br>"Effect of Activated Zeolite Addition on Chitosan Membrane for Pb Ion Adsorption."                                                                                                                  | <b>Oct 2023 - Dec 2023</b> |
| <b>Product development Project - Specialized Practical Course (PMK) - Bogor, West Java</b><br>"Effectiveness of Solid Parfume with Essential Oil Extracts of Cardamom (Amomum Cardamomum Willd), Vetiver (Chrysopogon zizanioides), and Sweet Orange (Citrus sinensis)."                | <b>Jan 2024 - Jun 2024</b> |

## WORK EXPERIENCE

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| <b>Industrial Internship - Malang Regency, East Java</b><br><b>PG. Kebonagung - Quality Control Intern</b> <ul style="list-style-type: none"><li>Performed routine quality testing of sugarcane, intermediate products, and final sugar products to ensure compliance with production standards.</li><li>Conducted analyses such as Brix, Pol, Purity, moisture content, reducing sugar, and color measurement using laboratory instruments.</li><li>Assisted in sample preparation and testing for raw materials, in-process materials, and finished goods.</li><li>Operated laboratory equipment including refractometers, polarimeters, moisture analyzers, pH meters, and analytical balances.</li><li>Monitored production processes by performing in-line quality checks to support optimal milling and crystallization performance.</li><li>Ensured laboratory hygiene, sample handling procedures, and adherence to safety standards during all analytical activities.</li></ul> | <b>Jun 2023 - Jul 2023</b> |
| <b>Industrial Internship - Cileungsi, West Java</b><br><b>PT Reckitt Benckiser Indonesia - Research and Development Analyst Intern</b> <ul style="list-style-type: none"><li>Performed routine physical and chemical analyses of products based on specified parameters.</li><li>Conducted instrument verification for routine analysis, particularly for analytical balances, pH meters, viscometers, density meters, and moisture analyzers.</li><li>Operated High-Performance Liquid Chromatography (HPLC) for sample analysis.</li><li>Monitored sample stability chambers, fume hoods, and chemical storage cabinets to ensure proper laboratory conditions.</li><li>Carried out sample checking, logging, and documentation for laboratory workflows.</li><li>Assisted in method verification and validation processes.</li><li>Supported analysts in sample preparation for trial testing.</li></ul>                                                                              | <b>Aug 2024 - Mar 2025</b> |

CERTIFICATION

Occupational Health & Safety (OHS) Officer Competency Training - LSP Labmania (2025)  
Certified General Occupational Health & Safety (OHS) Officer - BNSP

- Issues by: Professional Certification body (LSP EBTKE Indonesia)
- Certificate No.: EBT 2780 0229 2025
- Date of Issue: August 8, 2025 | Valid Until: August 8, 2028

Key Skill

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| Hard Skills | : Microsoft Office, Orange, Chems sketch, Unscramble X, High-Performance Liquid Chromatography |
| Soft Skills | : Communication, Leadership, Teamwork, Problem Solving, Time Management, Adaptive              |
| Language    | : Bahasa (Native), English (Native)                                                            |