

YOLANDA SEBASTIAN

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SUMMARY

Fresh graduate in Chemistry from the Indonesian University of Education with experience in pharmaceutical validation, laboratory analysis, and chemical research. Skilled in chemical analysis, laboratory experimentation, data interpretation, documenting research systematically, and chemical compound characterization, supported by hands-on experience with various analytical instruments. Familiar with GLP, basic GMP principles, and laboratory quality practices. Analytical, detail-oriented, and collaborative, with a strong interest in applying chemistry knowledge to product development, formulation optimization, material evaluation, and process improvement in manufacturing industries.

EDUCATION

Indonesia University of Education – Bandung, West Java (Sep 2021 – Aug 2025)

Bachelor of Science (Chemistry) (S.Si) | GPA 3.69/4.00 | Cum Laude

- Thesis: “Prenylated Flavonoids from *Artocarpus elasticus*: Structural Characterization and Molecular Docking toward Acetylcholinesterase” published in Jurnal Kartika Kimia (Vol. 8, No. 2, November 2025), Accredited SINTA 2, DOI: <https://doi.org/10.26874/jkk.v8i2.980>
- Relevant courses: basic chemistry, analytical chemistry, instrumental chemistry (UV, FTIR, AAS, GC, HPLC), physical chemistry, biochemistry, organic and inorganic chemistry.
- Achievement: Second Winner of Review Article Competition 2023 at the study program | First Winner of Entrepreneurship Proposal Writing Competition 2024 at the Study Program

WORK EXPERIENCE

PT. Combiphar - West Bandung Regency, West Java

Validation Officer (Intern - onsite) | Maganghub Kemnaker (Nov 2025 – May 2026)

- Interpreted and evaluated more than 20 analytical datasets generated from TOC, pH, Conductivity, AAS, and HPLC/UPLC analyses
- Focused on cleaning validation and verification activities, including sampling, data evaluation, and documentation
- Prepared and reviewed more than 20 protocols and final reports in compliance with GMP/CPOB
- Evaluated cleaning validation data for production equipment and utilities
- Strengthened understanding of risk-based cleaning validation and acceptance criteria

Validation Analyst (Intern - onsite) | MSIB Batch 6

(Feb – June 2024)

- Analysed cleaning validation samples using HPLC instruments
- Prepared reports and validation protocols for cleaning equipment and production rooms
- Conducted Product Indicator Assessment (PIA) as part of product quality monitoring
- Internship training regarding CPOB, basic GMP, document recording, cleaning validation, process validation and analytical method validation

Indonesia University of Education – Bandung, West Java

Research Assistant (Part time - onsite)

(Aug – Oct 2025)

Isolation and Characterisation of Natural Products

- Performed extraction (maceration), separation, and purification of compounds (column, preparative, and thin-layer chromatography), and analysed characterisation data using FTIR and NMR spectroscopy for 3 samples
- Collaborated with the research team to plan, discuss results, and solve technical problems in the laboratory
- Documented research results systematically

Chemistry Laboratory Assistant (Part time - onsite)

(Sep 2024 – Jan 2025)

- Assisted in conducting and supervising basic chemistry experiments, answering questions, and solving problems that arose for 40 students.
- Guided, revised, and evaluated students' work regularly so that their understanding increased by 50%.
- Prepared reagents, solutions, tools and materials needed for practicum for 16 meetings.

PROJECT EXPERIENCE

Analytical Method Validation in Cleaning Validation | PT. Combiphar (Mei – June 2024)

- An Internship project focused on testing analytical method validation parameters for detecting active pharmaceutical ingredient residues in products.
- Performed sample preparation and laboratory testing for validation parameters.
- Processed, analysed, and interpreted validation data per applicable regulations.
- Compiled a final project report and contributed to developing presentation materials.
- Collaborated with mentors and analysts to ensure smooth validation implementation.
- Project: <https://bit.ly/ProjectVMA>

ORGANIZATION AND COMMITTEE EXPERIENCE

Badan Eksekutif Mahasiswa Himpunan Mahasiswa Kimia FPMIPA UPI

Steering Committee for Industrial Visit (June – Aug 2023)

- Directed, advised and supervised 7 division in carrying out its duties
- Provided technical briefings to the Organizer Committee and alternative solutions in case of problems
- Monitored and provided special evaluations aimed at improving the performance of the Organizer Committee

Secretariat Coordinator for Industrial Visit (June – Aug 2022)

- Organised and managed all administrative matters related to industrial visits, including official correspondence with companies and campuses (proposals, permits, participant lists, activity reports).
- Managed schedules, took committee meeting minutes, and ensured information was communicated to all relevant parties.
- Prepared a final administrative report of activities as official documentation for the student association.

COURSE AND CERTIFICATION

PTESOL English Proficiency Test – Score 493 - UPI Language Center (May 2025 – May 2027)

Occupational Health and Safety Officers (EHS) - BNSP (Oct 2024 – Oct 2027)

Short Class Microsoft Excel - MySkill (Aug – Nov 2024)

(Sorting, conditional formatting, keyboard shortcuts, filtering, data formatting, data cleansing, pivot table, and pivot chart,)

LANGUAGE AND SKILLS

Language: Indonesia (Native), English (PTESOL: 493)

Hard Skills: Microsoft Office (Word, Excel, PowerPoint), Google Workspace, Canva

Soft Skills: Teamwork, time management, communication, leadership, attention to detail