



RAJA DAVID VIRGILIUS

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Haji Taiman Street, East Jakarta, 13760

A passionate and responsible Chemistry graduate from IPB University with hands-on experience in Quality Control and process improvement within the FMCG industry. Proven track record in optimizing analytical methods, including improving powder product solubility by 82% through enhanced wettability and solubility testing, as well as implementing burning point and colorimetric analyses that achieved 100% detection of iron contamination and 95% prevention of powder caking defects. Equipped with leadership experience as a Quality Control Foreman and certified in ISO 22000, FSSC 22000 v7, HACCP, GMP, and GLP implementation. Combining strong analytical expertise, continuous improvement mindset, and team leadership capabilities, I am committed to driving operational excellence and product quality in manufacturing environments.

Work Experiences

PT. Prakarsa Alam Segar (Wings Group) - Bekasi Regency, West Java Apr 2026 - Present

Foreman of Quality Control

- Led and supervised a team of 8+ Quality Control Field Analysts, managing workforce scheduling, attendance, and overtime allocation to ensure effective quality monitoring across production operations.
- Maintained and improved the First Time Right (FTR) performance of the Quality Control Seasoning Department above 95% by implementing preventive quality control measures and ensuring compliance with product quality standards.
- Ensured zero food safety incidents by proactively monitoring critical control points, enforcing food safety standards, and driving corrective and preventive actions (CAPA).
- Conducted product traceability investigations, defect analysis, and sorting activities to identify root causes, contain non-conforming products, and prevent recurrence.
- Collaborated closely with Engineering (ENG), Production (PRD), and Production Planning & Inventory Control (PPIC) teams to resolve quality issues, optimize processes, and continuously improve product quality and operational performance.
- Drove continuous improvement initiatives to minimize product defects, strengthen quality assurance systems, and enhance customer satisfaction.

Kalbe Nutritionals - PT Kalbe Morinaga Indonesia - Karawang Regency, West Java Feb 2025 - Apr 2026

Quality and Food Safety Staff

- Successfully resolved and managed over 20 complex customer complaints monthly, utilizing root cause analysis (RCA) to drive corrective and preventive actions (CAPA) and maintain a customer satisfaction rating above 95%
- Conducted in-depth traceability studies and executed effective problem-solving strategies for 10+ recurring quality issues, resulting in an 90% reduction in material waste or process deviations
- Developed and validated new analytical methods for assessing critical powder properties (solubility and wettability), improving the precision and efficiency of QC testing by 90%
- Collaborated closely with the QC Inline Supervisor to implement targeted interventions and process adjustments that effectively reduced the incidence of powder caking on the production line by 97%
- Authored and presented comprehensive monthly quality performance reports (covering quality metrics, process efficiency, and customer complaint trends) to Manager-level and above leadership, facilitating data-driven decision-making.
- Prepared and disseminated detailed weekly quality and process flow reports for the Supervisor level, ensuring timely transparency on current operational status and proactive identification of emerging quality risks

Kalbe Nutritionals - PT Kalbe Morinaga Indonesia - Karawang Regency, West Java Aug 2024 - Feb 2025

Quality Control Process Analyst

- Prepared and reviewed 30+ supporting documents for FSSC 22000 audit readiness, contributing to successful external audit with 0 major findings.
- Optimized analysis method for moisture, calcium, and vitamin C, reducing chemical usage by up to 20% and analysis time by 10-30%, while improving lab efficiency.
- Led quality inspections for over 30 production batches monthly, including first-production of Chil Go Infanutri, ensuring compliance with GMP and product specifications.
- Conducted QC analysis on 200+ weekly samples of liquid products, base powder, blending, and finish good (moisture content, fat, vitamin C, calcium, bulk density, etc) to ensure alignment with internal quality standards.

Education Level

IPB University - Bogor, West Java Aug 2019 - Mar 2024

Bachelor Science in Chemistry, 3.30/4.00

- Full scholarship awardee of "Jakarta Excellence Student" for academic and leadership excellence Prof. Dr. Irmanida Batubara, M.Si Research Assistant
- Final Project: Antidiabetic and Antiobesity Potential of Ethanol Extract from Fungus Comb via Alpha- Glucosidase Enzyme Inhibition Assay
- Relevant Coursework: Fundamentals of Analytical Chemistry, Separation Techniques, Industrial Chemistry, Drugs and Cosmetic Chemistry

University of Ozarks - Arkansas, USA

May 2021 - Jun 2021

International Summer Course of Forensic Sciences, 3.00/4.00

- Collaborated in multidisciplinary teams with participants from 5+ countries, enhancing scientific communication and cross- cultural teamwork
- Participated in a 3-week international course exploring forensic chemistry, toxicology, and DNA analysis in criminal investigations engaged in case-based learning

Organisational Experience

Ikatan Mahasiswa Kimia (IMASIKA) IPB - Bogor, West Java

Nov 2021 - Dec 2022

President

- Led 60+ active staff across 7 divisions in executing academic, leadership, and community service programs for chemistry students
- Secured 80% funding from Directorate of Academic Affairs for Chemistry Challenge, a national chemistry Olympiad attended by 300+ high school's students from across Indonesia
- Initiated strategic partnership with 5+ university and 20+ media partner stakeholder to support annual events and student development
- Coordinated 15+ organizational activities including webinars, workshop, and competitions with average participants satisfaction of 92%

Badan Eksekutif Mahasiswa FMIPA IPB - Bogor, West Java

Nov 2020 - Nov 2021

Department of Advocacy and Student Welfare Staff

- Handled 50+ student consultation cases related to academic and financial issues, ensuring responsive follow-up with relevant university stakeholders
- Supported the execution of 10+ faculty-wide student development programs, including scientific seminars, mental health campaigns, and career webinars.
- Collaborated with 9 departments within FMIPA and external partners to promote academic excellence and student

Skills, Achievements & Other Experience

- **Achievements:** Silver Category for Suggestion System Improvement Competition 2024 at Kalbe Nutritionals, Gold Medal for Internal Suggestion System Improvement Competition 2024 at Kalbe Nutritionals - PT Kalbe Morinaga Indonesia, Honorable Mention at Asian Youth International Model United Nations 2021, Jakarta Excellence Student Scholarship Awardee
- **Hard Skills:** Food Safety (GMP, HACCP, FSSC 22000, ISO 22000 Documentation), Analytical Chemistry, Data Science (Python), Data Analysis (Tableau and Google Looker Studio), Web Development (React JS and NextJS), UI/UX Design (Figma)
- **Soft Skills:** Leadership, Problem Solving, Analytical Thinking, Communication, Project Management, and Team Collaboration