

SYAHMA NERRISA GHOSSANI

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SUMMARY

Analytical Development and R&D Chemical Analyst with over 3 years of experience in pharmaceutical analysis across product development, regulatory compliance, and stability studies. Demonstrated ability to generate reliable analytical data, support method development and validation, and operate effectively within cGMP/GLP-regulated laboratories. Experienced in cross-functional collaboration and maintaining high standards of data integrity.

EDUCATION

Analytical Chemistry

SMKN 13 Bandung | 2022

Relevant Coursework: Analytical Titrimetric and Gravimetric, Organic and Inorganic Chemistry, Physical Chemistry, Microbiology.

WORK EXPERIENCE

Analytical Analyst – R&D

PT. Bina Riset Aplikasi Medika (Soothe Operator) | Feb 2026 – May 2026

- Performed instrument qualification (IQ/OQ/PQ) for analytical instruments
- Prepared and implemented SOPs for analytical instruments and laboratory procedures.
- Conducted Karl Fischer analysis and acid-base & complexometric titrations for routine testing.
- Prepared reagents, standardized solutions, and ensured proper documentation in accordance with laboratory standards.

Analytical Development Analyst – Stability

PT. Combiphar | Jul 2025 – Oct 2025

- Conducted routine stability analysis for pharmaceutical products in accordance with approved analytical methods and BPOM regulatory requirements.
- Performed chromatographic and spectroscopic testing to support stability studies and shelf-life evaluation.
- Ensured accurate documentation, data recording, and review of stability results in compliance with established SOPs and quality standards.
- Prepared reagents, performed solution standardization, and maintained accurate documentation in compliance with cGMP, GLP, and approved laboratory SOPs..

Analytical Compliance & Development Analyst – R&D Pharma

PT. Kalbe Farma, Tbk | Jun 2024 – Jun 2025

- Performed routine analytical testing for stability studies and existing products to ensure ongoing regulatory compliance.
- Conducted analytical testing for new product development, supporting method readiness prior to product registration.
- Assisted in collecting, compiling, and reviewing analytical data packages for BPOM registration and compliance purposes.
- Supported the preparation of Analytical Method Development (AMD) and Analytical Method Validation (AMV) documentation.
- Ensured all analytical activities were performed in accordance with cGMP, GLP, and approved laboratory SOPs.

Researcher Assistant Product Rejuvenation & Innovation – Pharma

PT. Kimia Farma, Tbk Unit R&D | Sep 2022 – Jun 2024

- Supported analytical development activities for existing product rejuvenation and new product innovation projects with defined product launch timelines.
- Assisted senior researcher in method development and procedural adjustments in alignment with BPOM regulations and regulatory expectations.
- Conducted analytical testing from laboratory scale through pilot scale, supporting product development prior to registration.
- Contributed to the preparation of analytical data for BPOM submission, ensuring accuracy, completeness, and regulatory compliance.
- Participated in knowledge and method transfer to QC teams following product approval (NIE issuance).

- Collaborated with formulation, regulatory, and quality teams to support end-to-end product development activities.

Research and Development Analyst – Solid Product Existing

PT. Sanbe Farma | Jun 2022 – Sep 2022

- Performed routine analytical testing for existing solid dosage pharmaceutical products to support product quality and consistency.
- Conducted analytical method validation and verification for existing products in accordance with approved protocols and procedures.
- Completed structured hands-on training on analytical instruments including HPLC, UV-Vis spectrophotometry, and FTIR under senior analyst supervision.
- Gained practical experience in sample preparation, system suitability testing, and basic analytical troubleshooting.
- Assisted in analytical documentation, data recording, and result review to ensure compliance with internal quality standards and data integrity principles.

(Internship) Researcher Assistant Product Rejuvenation – Pharma

PT. Kimia Farma, Tbk Unit R&D | Aug 2021 – Dec 2021

- Supported analytical and research activities for pharmaceutical product rejuvenation projects under senior researcher supervision.
- Assisted in routine and developmental analytical testing for existing products as part of R&D studies.
- Participated in sample preparation, data recording, and basic analysis to support product improvement evaluations.
- Reviewed and followed laboratory SOPs, analytical methods, and safety procedures within a regulated research environment.
- Gained early exposure to pharmaceutical R&D workflows, analytical documentation, and teamwork in an industrial laboratory setting.

SKILLS

Instrument

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| • HPLC/UHPLC/UPLC | • Particle Size Analyzer (Dry and Wet method) |
| • Spectroscopy (UV/Vis, FTIR, AAS) | • Hardness Test |
| • Autotitrator | • Viscometer |
| • Karl Fischer | • Disintegrating Test |
| • Dissolution Test (with Autosampler or Non Autosampler) | • Portable Density (Anton Paar) |
| • Moisture Analyzer | • pH Meter |
| | • DSC (Differential Scanning Calorimetry) |

Technical Tools & Software

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| • Empower | • Google Docs (Spreadsheet, Document, Slide) |
| • LabSolutions | • WPS Office |
| • OpenLab | • Microsoft Office |
| • Chromeleon | |

CERTIFICATIONS & TRAINING

- QCC for member Training | PT. Kalbe Farma, Tbk | 2025
- Software Shimadzu LabSolutions LC – One Day Training | PT. Ditek Jaya | 2025
- CPOTB Training | PT. Kalbe Farma, Tbk | 2024
- Sistem Jaminan Halal Training | PT. Kalbe Farma, Tbk | 2024
- Kualima Dasar Golongan 1-3 Matriks 3 Training | PT. Kalbe Farma, Tbk | 2024
- Operational Training of GCMS (Shimadzu GCMS-QP2020 NX) | PT. Ditek Jaya | 2024
- Spectrophotometer UV-1900i Training | PT. Ditek Jaya | 2023
- PKL Certification | PT. Kimia Farma, Tbk Unit R&D | 2021

LANGUAGES

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| • Indonesia – Native | • English - Intermediate |
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