

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 including Shimadzu UV-Visible Spectrophotometer and Mettler Toledo Karl Fischer in accordance with approved qualification protocols.
- Prepared, reviewed, and implemented SOPs, work instructions, and supporting laboratory documentation for analytical instruments and laboratory operations.
- Conducted moisture content determination using Karl Fischer titration as part of routine analytical testing activities.
- Prepared reagents, volumetric solutions, and reference standards while ensuring compliance with laboratory quality requirements.
- Maintained qualification records, analytical documentation, and instrument-related documents in accordance with applicable laboratory standards.

Analytical Development Analyst – Stability

PT. Combiphar | Jul 2025 – Oct 2025

- Conducted stability testing of pharmaceutical products in accordance with approved analytical methods, stability protocols, and BPOM regulatory requirements.
- Performed chromatographic and spectroscopic analyses to evaluate product stability and support shelf-life determination.
- Reviewed and documented analytical results to ensure data accuracy, traceability, and compliance with established laboratory procedures.
- Prepared reagents and standardized volumetric solutions required for routine stability testing activities.
- Supported ongoing stability studies through timely execution of testing and reporting activities in compliance with cGMP and GLP requirements.

Analytical Compliance & Development Analyst – R&D Pharma

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

- Performed analytical testing for stability studies and commercial pharmaceutical products to support product quality and regulatory compliance.
- Conducted analytical testing for new product development and formulation development projects.
- Prepared and reviewed analytical data packages to support product registration activities.
- Supported the preparation and review of Analytical Method Development (AMD) and Analytical Method Validation (AMV) documentation.
- Generated and reviewed analytical data to support formulation development and product registration readiness.
- Ensured all analytical activities were performed in compliance with cGMP, GLP, data integrity requirements, and approved laboratory procedures.

Researcher Assistant Product Rejuvenation & Innovation – Pharma

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

- Supported analytical development activities for product rejuvenation and new product innovation projects from laboratory scale through pilot scale.
- Participated in analytical method development, optimization, and procedural improvements in alignment with project objectives and applicable regulatory requirements.
- Conducted analytical testing to support formulation development, process evaluation, and product registration activities.
- Prepared and reviewed analytical data packages to ensure accuracy, completeness, and compliance with internal quality standards.
- Participated in analytical method and knowledge transfer activities to Quality Control laboratories following product approval and NIE issuance.
- Worked closely with Formulation Development and Quality Assurance teams to support product development and technology transfer activities.

Research and Development Analyst – Solid Product Existing

PT. Sanbe Farma | Jun 2022 – Sep 2022

- Performed analytical testing for existing solid dosage pharmaceutical products to support product quality, consistency, and compliance with established specifications.
- Executed analytical method validation and verification activities in accordance with approved protocols and laboratory procedures.
- Operated analytical instruments including HPLC, UV-Visible Spectrophotometer, and FTIR while supporting routine analytical activities under senior analyst supervision.
- Conducted sample preparation, system suitability testing, and basic analytical troubleshooting to ensure reliable analytical performance.
- Prepared analytical documentation, recorded test results, and supported data review activities in accordance with laboratory quality and data integrity requirements.

SKILLS

Instrument

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

Technical Tools & Software

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

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

- Indonesia – Native
- English - Intermediate