

GHANI IRFAN

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Jl Sukaati V No 6 RT 02 RW 07 Kelurahan Pasirluyu Kecamatan Regol Kota Bandung

Chemistry graduate with more than 5 years experience in a pharmaceutical company as a Quality Control chemical analyst. Experienced in controlling the quality of sustainably produced products using instruments such as GC FID, GC MS, U/HPLC, ICP-OES, FTIR and UV Vis Spectrophotometer. Participated in the Continuous Improvement (CI) program from 2020 to 2023 by providing ideas, concepts, benefits and implementation. In 2022, it will be awarded the 10 best Continuous Improvement ideas. Have a passion in the fields of quality control, research and innovation.

Education

Universitas Jenderal Achmad Yani - Cimahi

Sep 2020 - Feb 2024

Bachelor of Chemistry, 3.69/4.00

- Undergraduate studies for 3.5 years and graduated with Caumlaude honors.
- Research regarding the comparison of HPLC and spectrophotometric method validation tests for determining assay Metamizole Sodium in tablet.
- Attended several seminars such as ISO 17025 : 2017 and using the Mendeley application.

SMK Negeri 13 Bandung - Bandung

Apr 2015 - May 2019

High School Diploma in Chemical Analysis

- Following activities "Hemat Energi " in school

Experiences

PT Marin Liza Farmasi - Bandung, Jawa Barat

Jan 2026 - Present

Validation Staff

- Literature review analytical test methods from Compendial such as FI, USP, and BP.
- Responsible to developing and validating test methods for raw material and product such as assay, dissolution, identification and impurities.
- Responsible to make protocol and analytical report.
- Operated and verified laboratory equipment such as HPLC, GC and UV/Vis Spectrophotometry.
- Controlled laboratory chemicals for analytical development activities.
- Perform investigation, CAPA (Corrective Action and Preventive Action) and change control.
- Implemented CPOB and GLP in laboratory activities.

PT Kimia Farma Plant Banjaran

Aug 2025 - Jan 2026

Validation Methods Analyst

- Literature review analytical test methods from Compendial such as FI, USP, and BP.
- Responsible to developing and validating test methods for raw material and product such as assay, dissolution, identification and impurities.
- Responsible to make protocol and analytical report.
- Operated and verified laboratory equipment such as HPLC, GC, UV/Vis Spectrophotometry and ICP-OES.
- Controlled laboratory chemicals for analytical development activities.
- Implemented CPOB and GLP in laboratory activities.

PT Trifa Laboratories

Mar 2025 - Jul 2025

Quality Control Analyst

- Perform analyze raw material using conventional and instrumental methods.
- Operate and Verified laboratory equipment likes, pH meter, UV/Vis Spectrophotometry, HPLC and karl-fisher tester.
- Create analytical report and investigation report.
- Discuss with supervisor and manager if there are problems in the laboratory.
- Implement CPOB and GLP in laboratory activities.

PT Carsurin Tbk - Cikarang, Jawa Barat

Jul 2024 - Mar 2025

Senior Laboratory Analyst

- Implement ISO/IEC 17025 : 2017 in laboratory activities.
- Perform proximate analysis of coal and charcoal such as Total Moisture (TM), Inherent Moisture (IM), Volatile Matter (VM), Ash Content, and Fix Carbon (FC) according to SOPs.
- Perform analyze Gross Calorific Value (GCV) of coal and charcoal using Calorimeter according SOPs.
- Perform measures Carbon, Hydrogen and Nitrogen of coal using CHN Analyzer according SOPs.
- Perform analyze Total Sulphur (TS) of coal and charcoal according SOPs.

- Perform Ash Analysis (AA) of coal using XRF according SOPs.
- Perform Ash Fusion Temperature (AFT) of ash coal according SOPs.
- Perform Trace element of ash coal and charcoal using ICP-OES according SOPs
- Operate and verify laboratory equipment such as Calorimeter, CHN Analyzer, Total Sulphur Analyzer, ICP-OES and XRF.

PT.Kimia Farma Plant Banjaran - Bandung, Jawa Barat

Sep 2022 - Jul 2024

Shift Leader Quality Control Stability and Retained Sample

- Coordinated team to perform analyze stability testing for new product and existing product.
- Coordinated team to write analytical reports and investigation report.
- Educated new analysts and interns about stability testing in laboratory.
- Performed analyze stability testing for new product and existing product using conventional and instrumental methods.
- Execute stability testing for all dosage forms according to SOPs (long term and accelerated conditions).
- Performed analyze retained sample from Compliance department according to SOPs.
- Operated and Verified laboratory equipment like, pH meter, Dissolution tester, UV/Vis Spectrophotometry, UHPLC, GC-FID, GC-MS, ICP-OES, FTIR and karl fisher tester.
- Controlled laboratory chemicals for stability testing activities.
- Create analytical report and investigation report.
- Discussed with supervisor and assistant manager if there are problems in the laboratory.
- Performed troubleshooting for GC-FID, UHPLC, and ICP-OES.
- Responsible to routine maintenance and troubleshooting GC-MS.
- Responsible to routine maintenance and calibration ICP-OES.
- Handled the stock of CRM (Certified Reference Material) for elemental impurities test using ICP-OES.
- Supported Calibration and Qualification Division to ensure performance qualification (PQ) ICP-OES.
- Supported Validation Method Division to perform trial of analytical methods using ICP-OES, GC-FID and HPLC.
- Collaborate with Validation Method Division to perform analytical transfer methods from R&D Department.
- Collaborate with Data Integrity Department to optimize concepts regarding data integrity of laboratory equipment.
- Implemented CPOB and GLP in laboratory activities.
- Continuous Improvement.

PT.Kimia Farma Plant Banjaran - Bandung, Jawa Barat

May 2021 - Sep 2022

Quality Control Stability and Retained Sample

- Performed analyze stability testing product for new product and existing product using conventional and instrumental methods.
- Execute stability testing for all dosage forms according to SOPs (long term and accelerated conditions).
- Performed analyze retained sample from Compliance department according to SOPs.
- Operated and Verified laboratory equipment likes, pH meter, Dissolution tester, UV/Vis Spectrophotometry, HPLC, GC-FID, ICP-OES, FTIR and karl-fisher tester.
- Controlled laboratory chemicals for stability testing activities.
- Create analytical report and investigation report.
- Discuss with supervisor and assistant manager if there are problems in the laboratory.
- Performed troubleshooting for GC-FID, UHPLC, and ICP-OES.
- Responsible to routine maintenance and calibration ICP-OES.
- Handled the stock of CRM (Certified Reference Material) for elemental impurities test using ICP-OES.
- Supported Calibration and Qualification Division to ensure performance qualification (PQ) ICP-OES.
- Supported Validation Method Division to perform trial of analytical methods using ICP-OES, GC-FID and HPLC.
- Implemented CPOB and GLP in laboratory activities.
- Achieve "Best 10 Ideas Continuous Improvement in 2022".

PT.Kimia Farma Plant Banjaran - Bandung, Jawa Barat

Apr 2019 - May 2021

Validation Methods Analyst

- Do Comparable Dissolution Test for new formulation product.
- Literature review analytical test methods from Compendial such as FI, USP, and BP.
- Responsible to developing and validating test methods for new formulation product such as assay, dissolution, identification and impurities.
- Operated and verified laboratory equipment such as HPLC, GC, UV/Vis Spectrophotometry, FTIR, and ICP-OES.
- Responsible to execute in use stability according to SOPs.
- Controlled laboratory chemicals for analytical development activities.
- Handled the stock of chemicals in chemical laboratory.
- Implemented CPOB and GLP in laboratory activities.
- Continuous Improvement

PT.Petrokimia Gresik - Gresik, Jawa Timur

Sep 2018 - Dec 2018

Internship

- Operated AAS instrument to analyze metals in products.
- Operated UV/Vis Spectrophotometer for phosphate and sulfate analysis.
- Analysis of Nitrogen using digestion and distillation equipment.

Achievement and Training

- **Achievement** (2022): 10 Best Continuous Improvement Ideas
- **Training:** Theory and Practical about Validation Methods ICP-OES, Teory and Practical about operational and maintenance Gas Chromatography FID, Training about Maintenance and operational UHPLC Arc Waters UV/Vis detector and Refractive Indeks detector, Training about operational spektrofotometer UV/Vis and FTIR, CPOB internal, MK3L internal