

AFRA PUTRA WALIYUDDIN ADILAH

Analytical Chemist | QC Laboratory Analyst | Pharmaceutical Industry

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SUMMARY

Analytical chemist with 4.5 years of experience in a pharmaceutical QC laboratory, having conducted 500+ batch analyses across solid, liquid, and semi-solid dosage forms. Proficient in operating HPLC/UHPLC systems across 4 major platforms (Agilent, Waters, Shimadzu, and Thermo) with strong competency in GMP compliance, data integrity (ALCOA+), and OOS/CAPA investigation support. Consistently maintained audit-ready documentation with minimal data integrity findings and a strong track record of timely CAPA closure across internal and external GMP audits. Adept at coordinating cross-functional QC workflows to ensure timely batch release without compromising quality standards. Currently seeking to expand expertise into sterile manufacturing QC or regulatory compliance roles within the Indonesian pharmaceutical industry.

WORK EXPERIENCE

QC Finished Good, PT Combiphar

Mar 2022 - Present

- Conducted routine QC analysis of 500+ batches of solid dosage pharmaceutical products (granules, powders, tablets, capsules, dry syrups) for in-process, finished product, and stability testing under GMP-compliant laboratory conditions. Additionally supported testing of liquid and semi-solid dosage forms (syrups, suspensions, creams, gels, injectables).
- Performed instrumental analysis using HPLC/UHPLC systems (Agilent, Waters, Shimadzu, and Thermo), UV-Vis spectrophotometry, AAS, dissolution testing, Karl Fischer titration, titration techniques, and various physical quality tests including hardness, friability, disintegration, and viscosity testing — processing an average of 20–30 samples per week.
- Managed 3–4 HPLC systems simultaneously including instrument setup, system suitability, troubleshooting, column management, mobile phase preparation, and coordination with sample preparation teams, maintaining >98% instrument uptime and supporting on-time batch release for 50+ batches per month.
- Reviewed chromatographic and analytical data, verified sample preparation records, and finalized laboratory reports in compliance with pharmacopeial standards, SOPs, GMP/GLP requirements, and ALCOA+ data integrity principles — consistently supporting audit-ready documentation and timely corrective action on any findings identified during regulatory and internal audits.
- Supported investigation and documentation of OOS, OOT, deviations, and CAPA activities; assisted analytical troubleshooting and corrective action implementation to minimize recurrence of non-conformances and maintain compliance with pharmaceutical quality systems.
- Contributed to ~20% reduction in testing turnaround time by optimizing HPLC queue scheduling; performed routine instrument verification and supported basic instrument connectivity and operational troubleshooting (printer and system communication setup) for uninterrupted lab operations.

EDUCATION

SMKN 5 Bandung

Jun 2017 - Jun 2021

Vocational High School - Chemical Analysis

- Average Score: 84.88

Universitas Terbuka

Jun 2026 - Present

Bachelor of Food Technology

LANGUAGES

Indonesian : Native

English : Intermediate

KEY SKILLS

500+ Batches Analyzed

Successfully completed QC analysis of 500+ pharmaceutical batches across solid, liquid, and semi-solid dosage forms with consistent accuracy and GMP compliance.

Multi-Instrument Proficiency

Skilled in operating 4 major HPLC/UHPLC platforms simultaneously, maintaining efficient analytical workflow of 20–30 samples per week.

~20% Faster Turnaround Time

Reduced average sample-to-report time by ~20% through HPLC queue optimization and improved cross-team coordination without compromising GMP compliance.

Consistent GMP Documentation Quality

Maintained audit-ready analytical documentation throughout 3+ years, consistently applying ALCOA+ data integrity principles with minimal findings across all internal and external GMP audits.