

RIYAN HALIM

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SUMMARY

A chemical analyst have over three years experience in manufacturing industry as a quality control. Detail-oriented and disciplined person, especially when it comes to data accuracy and safety procedures. Familiar with instruments such as *Atomic Absorbance Spectrophotometer*, *Spectrophotometer UV-Vis.*, *Near-infrared Spectroscopy*, conventional method such as titration, gravimetry, extraction and evaporation and have used ERP/SAP and microsoft excel to data report.

WORK/INTERNSHIP EXPERIENCE

INDO-BHARAT RAYON, PT · PURWAKARTA

LABORATORY STAFF · FEB 2025 – FEB 2026

- Sampling gasses H_2S and CS_2 from sampling point EDTA & CAP Dept. using impinger and air sampler.
- Conducted sample Lye solution, de acid and desulphurizing to monitoring condition of carbon active recycle CS_2 adsorber in CAP Plant.
- Operated spectrophotometer UV-Vis to analyzed Ferro sulphate, conducted titration acidity-alkalinity, complexometric and moisture sulphate from sample circulation tank EDTA & CAP Dept.
- Conducted non-routine sample from Auxilliary Dept. such as purity of sodium sulphate, flash condensated, steam condensated and sludge belt press.
- Used personal protective equipment every analyzed in accordance K3 Safety and report of result analyses in microsoft excel and SAP.

KIAN MULIA MANUNGGAL, PT · BEKASI

INLINE PROCESS CONTROL · OCT 2022 – JAN 2025

- Become a verifier of the conformity of the amount of material carried out by the production operator in accordance with the applicable procedures.
- Have a role in analyzing final product samples with physical and chemical parameters such as *sensory* and *visual product*, *bulk density*, *particle size*, fat content, *protein*, *carbohydrates*, *ash*, *moisture*, *insolubility*, *total solids*, *pH* to ensure product safety before release.
- Become a verifier of the environment and production machinery to ensure the environment and production machinery meet the standards of *Good Manufacturing Product* and *Hazardous Analysis Critical Control Point*.
- Presenting safety refreshment every switching shift with quality department discussing their key performance metrics.
- Used personal hygiene every come to plant in accordance K3 Safety and report of result analyses in microsoft excel and SAP.

LPKL PERUMDA TIRTAWENING KOTA BANDUNG

ASSISTANT ANALYST · JAN 2022 – FEB 2022

- Support as a microbiology analyst by testing *the total coliform* method on samples of drinking water, inlet water and hospital food.
- Support as a lab analyst. Clean Water Chemical operates the Uv-Vis spectrophotometer. for the determination of the levels of ammonia, nitrate, nitrite and hydrogen sulfide compounds from samples of industrial waste, drinking water and inlet water.
- Process the test result data and report the analysis results to the laboratory analyst.

PUSLITBANG TEKMIRA

ASSISTANT ANALYST · JUN 2017 – DEC 2017

- Preparing rock samples by *grinding, milling and jaw crusher methods*.
- Analyzing samples in the form of rocks from the mining industry. The analyzed parameters such as volumetric, gravimetry and UV-Vis spectrophotometry.
- Processing test data and reporting analysis results to laboratory analyst.

EDUCATION LEVEL

SCHOOL OF ANALYST BAKTI ASIH BANDUNG

Bachelor of Chemistry · SEP 2018 - SEP 2022

Graduate with a GPA of 3.40/4.00

FIVE VOCATIONAL HIGH SCHOOL BANDUNG

Chemical Analyst 4 Years Programs · JUL 2014 – JUL 2018

Graduated with a final grade of 88/100

ORGANIZATIONAL EXPERIENCE

INDONESIAN CHEMISTRY STUDENT ASSOCIATION REGION II

REGIONAL COORDINATOR · SEP 2020 – AUG 2022

STUDENT EXECUTIVE BOARD OF THE STUDENT COLLEGE OF ANALYST BAKTI ASIH BANDUNG

STAFF OF THE MINISTRY OF EDUCATION AND CULTURE · JUL 2019 – JUL 2021

CERTIFICATION

Hands on Training : Analysis HPLC For Beginner

Organized by Labmania · June 2024

Chemical Laboratory Testing Personnel: Spectrophotometric Analysis (UV-VIS)

Certified by the National Professional Certification Agency · August 2019

SKILL

Technical

Volumetrics, Gravimetry, Spectrophotometry, Chromatography, *X-ray diffraction*, Water and air sampling, Microbiology, *SAP Logon*, Microsoft office.

Non-Technical

English (Intermediate), Structured work, Good communication skills, Teamwork, Critical thinking and Problem solving.