

KIPNGETICH KIRUI

Analytical Chemist | Chemistry Tutor

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Professional Summary

Highly motivated professional with a background in chemistry and education, seeking to apply expertise in analytical chemistry. Strong foundation in laboratory techniques, chemical analysis, and education. Dedicated to continuous learning and contributing to advancements in the field.

Key Skills

- **Technical Skills:** Laboratory Techniques, Chemical Analysis, Analytical Chemistry, Solution Preparation, Quality Control, Water Treatment, TVET CDACC Exam Administration.
- **Industry Expertise:** Chemistry, Education, Laboratory Management, Chemical Production.
- **Soft Skills:** Communication, Teaching, Mentoring, Problem-solving, Safety Management.

Professional Experience

Tutor | Kiambu National Polytechnic 2023 – 2024

- Prepared materials, set up equipment, and managed lab resources for chemistry practical sessions.
- Demonstrated techniques, explained theory, and developed teaching materials for students.
- Provided guidance, mentorship, and fostered a positive learning environment for students.
- Delivered safety training, enforced protocols, and ensured compliance in the laboratory.
- Set, moderated, invigilated, and marked internal and TVET CDACC exams.

Producer Chemist | Kiambu National Polytechnic 2023 – 2024

- Produced liquid multipurpose soaps, dishwashing liquid soaps, disinfectants, stain removers, and alcohol-based hand sanitizers.

Assistant Water Quality Assurance Officer | SBC Kenya Limited 2021

- Assisted in effluent water treatment and analysis.
- Prepared water treatment chemical standard solutions.
- Practiced good laboratory practices.
- Supported quality control and assurance activities within the bottling plant operations.

Education & Certifications

- Postgraduate Diploma in Education (Analytical Chemistry) | Kenya School of TVET | 2024
- Bachelor of Science in Chemistry | Pwani University | 2023
- Kenya Secondary School Certificate | Kabungut Secondary School | 2017

Professional Development & Training

- CBET Training | Kenya School of TVET | 2024
- Air Quality Management Programs | Kenyatta University | 2023
- Good Research Practice Training | Pwani University | 2022

References

Available upon request.

Dr. Masika Wekesa, PhD
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