

CURRICULUM VITAE

Mr. Langat Bernard Kipkirui
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PERSONAL SUMMARY

A passionate and focused Microbiologist with more than 5 years of experience. Successfully developed to become a fully competent laboratory analyst seeking to improve the scientific community by performing accurate analysis/research and complying with all laboratory safety protocol and standards. I am able to work well both on my own initiative and as part of a team. My main strengths are adaptability, dependability and the determination to get a job done. I try to learn something new from every experience because I believe there is always room for self-improvement both personally and professionally.

CAREER OBJECTIVES

To utilize my academic, professional and experiential qualifications in striving to be an efficient, effective and inspiring person in tackling challenges experienced in the society hence promoting and protecting its welfare and interests now and in the future.

CAREER HISTORY

Kenya Bureau of Standards, Nairobi. - March, 2015 - Present

Senior Laboratory Analyst - Microbiology

Responsible for working as part of a team involved in carrying out conformity assessment of commodities materials whether in raw form, semi processed or fully processed, as well as Research and development activities.

Duties;

- Use of validated methods to isolate, enumerate and identify microorganisms for the purposes of: Pathogen testing, Environmental monitoring, Strain identification and characterization, Process control/quality, Testing for spoilage, indicator, & probiotic micro-organisms and Antimicrobial efficacy/ Antibacterial activity.
- Prepare test reports by using the Laboratory Information Management System software.
- Maintain equipment using manufacturer's instructions and standard operating procedures.
- Receive samples from sample control centre in preparation for testing work.
- Operate, and adjust laboratory equipment. Understands modes of operation, calibration requirements and theory of operation of testing equipment for purpose of measurements.
- Practicing and promoting principles of laboratory quality management system as per ISO/IEC 17025:2017 and efficient utilization of resources
- Participating in Proficiency tests (EQC & IQC)

- Participate in the validation of methods and review of controlled documents in accordance with established timescales
- Update inventories of laboratory supplies.
- Ensure safe custody and maintains integrity of test products.
- Training of students on attachment and ensuring supervision of students on attachment at all times
- Implementing and participating in review of the laboratory quality system
- Monitor effectiveness of standard reference materials/cultures for quality control
- Conducting good laboratory practices according to established protocols, safety guidelines and existing legislations to ensure safe work practices
- Undertake any other duties of similar level and responsibility as may be directed from time to time.

KEY SKILLS AND COMPETENCIES

Professional

- Good understanding of the concepts of: - Quality Management System, ISO 9001:2015; Laboratory Quality Management System, ISO/IEC 17025:2017; Food Safety, ISO 22000:2018; Information Security Management System, ISO/IEC 27001:2013
- Good understanding of the concepts of QMS & FSMS Internal Quality Auditing.
- Documentation and data entry of final results into the Laboratory Information Management System (LIMS)
- Good understanding of research methodologies and how to apply them to projects in a commercial environment.
- Operating laboratory equipment with minimal supervision.
- Knowledge of all relevant protocols, processes and equipment.
- Ensuring compliance to Environmental Health & Safety (EHS) requirements.
- Can retain confidentiality of sensitive data at all times.
- Knowledge of Auditing procedures.
- In-depth experience of working with a variety of microorganisms.
- Good understanding of Microbiological Method Validation & Uncertainty of measurements
- Good understanding of QA concepts.
- IT proficiency
- Keeping up to date with scientific and research developments.
- Trained certified laboratory analyst, technical signatory for microbiology laboratory accredited by SANAS

Personal

- Excellent interpersonal and organisational skills.
- Outstanding physical and mental dexterity
- Ability to work well with others & independently
- Proven time management skills and a strong attention to detail

EDUCATION

Bachelor of Science in Microbiology, 2012

Moi University, Kenya

Second Class Honors - Upper Division

Kenya Certificate of Secondary Education, 2006

AIC Chebisaas Boys High School, Kenya

Diploma in Microbial Food Quality and Safety – Analytical Methods:

University of Copenhagen, Copenhagen, June 2019

Certifications & Courses:

- ISO 17025:2017 - Laboratory Management System
- QMS 9001:2015 - Quality Management System
- ISO 22000:2018 - Food Safety Management System
- ISO 27001:2013 – Information Security Management System
- Internal Quality Auditing – QMS, FSMS
- Uncertainty of Measurements and Method Validation for Microbiology Methods

REFEREES

1. Mr Clarkson Agembo
Manager Microbiology laboratory
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Nairobi, Kenya.
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2. Ms Elizabeth Odundo,
Manager Microbiology Lab,
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3. Bett Hillary Kipkirui,
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