**SAMUEL KIKUMU KIKUVI**

**P.O BOX 6131-OO200**

**NAIROBI**

**TEL. 0726507415, 07235913222**

**CURRICULUM VITAE**

DATE OF BIRTH : 17th SEPTEMBER 1986

MARITAL STATUS : MARRIED

NATIONALITY : KENYAN

RELIGION : CHRISTIAN

LANGUAGE : FLUENT IN SPOKEN ENGLISH AND KISWAHILI

**ACADEMIC BACKGROUND**

1993-2000 **Peter Kibukosya Primary School**

Kenya Certificate for Primary Education Score 441/700

2001-2004 **Mumbuni High school**

Kenya Certificate for Secondary Education score C+(plus)

**PROFESSIONAL STUDIES**

2005-2007 **TECHNICAL UNIVERSITY OF KENYA**

**DIPLOMA ANALYTICAL CHEMISTRY**

Major units covered,

* Physical chemistry.
* Organic chemistry.
* Chemical analysis methods and biochemistry.
* Instrumentation method of analysis.
* Lab practice and management.
* Computer studies.

2018-date **UNIVERSITY OF NAIROBI**

\*Bsc. Analytical Chemistry (expected completion December 2022)

**PROFESSIONAL ATTACHMENTS**

2006 **Ministry of Roads and Public Works**

Materials department,

Attached in two laboratories ; chemistry lab and physics lab. Main materials analysed;

in the chemistry lab,

* Soil.
* Water.
* Cement.
* Aggregate.
* Galvanization.

in the physics lab,

* Tensile test for wire products, paper and guardrails.
* Non destructive test for concrete.
* Compression test for timber.

**WORK** **EXPERIENCE**

JAN 2008- NOV 2008 **Henkel East Africa**

Key responsibilities;

* Production of car fillers and pool chemicals.
* Sales of company’s chemicals.

NOV 2008- SEP 2013 **Ecolab East Africa**

**Site technician** - site **East Africa Breweries Limited**

Key responsibilities;

* Ensure correct usage of chemicals.
* Preparation for chemicals for machine treatment.
* Analysis of chemicals used in the production process.
* Ensure correct lubrication for conveyor operation.
* Routine and planned maintenance of equipments.

AUG 2013- **to date** **Kenya Plant Health Inspectorate Service**

**Laboratory Analyst-Analytical Chemistry Laboratory**

Key responsibilities;

* Sample processing and samples extraction for analysis.
* Pesticide residue analysis
* Mycotoxins analysis
* Operation, servicing and maintenance of analytical instruments i.e LC-MSMS, HPLC and GC-MSMS for pesticide residue analysis and mycotoxin analysis.
* Data analysis, Interpretation, compilation, verification and reporting of analytical result.
* Method development, Optimization and validation of methods and instrumentation.
* Maintenance of the Analytical Chemistry ISO/EC 17025:2007 by SANAS. Being a Technical Signatory to SANAS for the laboratory, i do monitoring of control charts , participation in PTS(proficiency testing schemes), monitoring the laboratory procedures to ensure compliance with the standard of accreditation.
* Participation in KEPHIS projects. Currently took lead in the pesticide residue data generation project for setting of MRLs for pesticides in Mango. I also participate in projects that are developed in the laboratory.
* Representing KEPHIS in food safety stakeholders meeting, trainings and workshops as allocated by the management.
* Training of staff, new staff, students and inters on instrumentation of the Analytical Chemistry laboratory. I have also been involved in training international professionals who seek training from our institution.
* Establishing the specification and Conducting evaluation and inspections for analytical instruments and reagents in the laboratory leading to the institution acquiring high end quality instruments which improve service delivery and innovation.

**TRAININGS AND WORKSHOPS ATTENDED**

**Ecolab east Africa**

* Principles of bottle washing and lubrication.
* Chemical handling, safety and first aid.
* Principles of CIP procedures in brewhouse.

**Kenya Plant Health Inspectorate Service**

* 24th-26th November 2014- Attended the 5th Annual Workshop On **Applications of Commercial Quality Standards for Fruits and Vegetables** at **KEPHIS HQ**, Nairobi.
* 16th - 20th January 2015 – Trained on International Standard ISO/IEC 17025:2005 By **KENAS** at **KEPHIS, HQS.**
* 22nd January 2015- Attended Kenya Horticulture Competitiveness conference by **USAID** held at Nairobi.
* May 2016 **Good Laboratory Practice Training Program In Quality Assurance** .Training by IR4 project, Rutgers University held at Kenya Plant Health Inspectorate service
* June 2017 **Chemical Security Best Practice**, Training by Kenya Chemical Society held at Kenya Plant Health Inspectorate service
* March 2017 **Good Laboratory Practive Program In Laboratory Residues Studies** Training by IR4 project, Rutgers University held at **ACCRA, GHANA** in Ghana standards Authority
* June 2017 **Training For Application For Lcmsms Agilents Technology 1290/6460 SYSTEM**, Training by Ekokons d.o.o ,Belgrade, Serbia training held at Kenya Plant Health Inspectorate service.
* July 2017 **Training For Application For Gcmsms Shimadzu 8040 SYSTEM**, Training by Orphan Papak ,shimadzu Middle East and Africa training held at Kenya Plant Health Inspectorate service.

**PERTINENT INFORMATION**

**HOBBIES**

* Traveling.
* Swimming.

**REFEREES**

1. Mr. Peter Kamuti

Kenya Plant Health Inspectorate Service,

Head Analytical Chemistry Laboratory and Food Safety

P.O BOX 49592-00100

Nairobi.

Tel. 0729787542

1. Mr. Ken Mwaniki

Chemical Application Manager

Ecolab east Africa

P.O BOX 63497-00619

Nairobi.

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