

CURRICULUM VITAE

BRIAN KUSIIMA

CONTACT INFORMATION

Brian Kusiima
Chemistry Technician.
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PERSONAL INFORMATION

Place of birth	Hoima
Citizenship	Ugandan
Gender	Male

PROFILE

A laboratory technician with over 5 years of experience in school, Analytical and Industrial Laboratory work involving General Laboratory organization, Inventory/Stock management, Laboratory practical Set Up and the training students in practical. Trained in equipment installation, usage and their maintenance. Self-motivated, innovative and a good team player. I have proven leadership skills in managing, developing, and motivating teams to achieve set targets. First class analytical designs, very good knowledge in the operations of ANALYTICAL BALANCES, PH&CONDUCTIVITY METER, WATER PURIFICATION SYSTEMS, FAT EXTRACTION SOXHLET SYSTEMS, TURBIDIMETER, WATER BATH, HOT AIR OVEN, INCUBATOR, AAS, BALANCES, FRIDGES, THERMOMETERS (TESTOS) and other related analytical/School equipment. Online quality control and vast experience in monitoring and production of detergents, mattresses and other related analytical reagents.

I have also over the years trained and acquired special skills in laboratory balance calibrations and maintenance/Span calibrations. I am dedicated to maintaining high quality standards regarding laboratory operations/Activities.

EDUCATION

2013-2015 Kyambogo University

Diploma in Science Technology- Chemistry.

Modules under taken include : Polyurethane(Mattresses) manufacturing, Detergent and toilet soap manufacturing, Good Laboratory and Manufacturing Processes and practices, Inventory/Stock taking and management, Reagent/sample preparations, General Laboratory management and the Industrial quality control processes .

- 2010-2012** Kyambogo University.
Certificate in Science Laboratory Technology
 Modules undertaken include: General Laboratory Organisation, Reagent preparation, Use of the basic equipments like Dessicators, Balances, Microscopes, Hand Lenses and many others.
- 2009-2010** St. Alexis Falconer Computer Training Center – Jinja
Certificate in Computer Science Skills.
- 2006-2007** Duhaga Secondary School
Uganda Advanced Certificate of Education
- 2002-2005** St. Thomas More S.S.S-Kitana -Hoima
Uganda Certificate of Education.
O Levels including Mathematics (5) and English (5).

Primary leaving Education, Haibale Primary School Kigoroby –Hoima.

WORK EXPERIENCE

20/07/2022 UP TO DATE: Chemistry Technician Makerere University Kampala Uganda

Duties/Responsibilities.

- Implement guidelines and the regulations to ensure safety in the workplaces (Laboratories).
- Maintain the equipment and the facilities in a functional condition
- Assist in the preparation of the students' practical, industrial training internships and fieldwork.
- Participate in research and consultancy for the best practices.
- Implement standard operating procedures in the work places (Laboratories)
- Maintain a safe and clean working environment.
- Assist the senior technician in formulating, reviewing and maintaining standard operating procedures for use in the work places (Laboratories)
- Perform any other related duties as may be assigned by the Supervisor.

09/05/2019 TO 15/07/2022: Laboratory Assistant Scoris International School Kampala Uganda.

Key responsibilities and achievements:

- Participated in the reagent preparation, stock management and equipment maintenance.

- Assist the teachers in preparation for science lessons and practical work
- Prepare samples, equipments and chemicals used in teaching science subjects.
- Keep and store apparatus ,equipment and chemicals used in the laboratory.
- Assist teachers and students during science practical lessons.
- Open and close the laboratory
- Keep records of laboratory apparatus and equipments.
- Guiding students in the practical lessons when the teachers are not present
- Prepare and supervise students' practical work
- Guiding students to ensure quality assurance, Control and safety is kept in the laboratories.
- Participate in guiding students in their research work more especially those in the final year.

Chemiphar (u) Ltd

**09-May 2016 to 01-July 2022: Analyst (Chemistry) at Chemiphar Laboratory (U) Ltd
Kampala, Uganda; an international ISO 17025:2017 accredited laboratory**

Duties and Responsibilities

- General laboratory procedures like sampling, sample handling and identification, waste management and safety in the laboratory.
- Food and water analysis such as determinations of protein,fats,dietary fiber, total ash content, humidity and Total Carbohydrate content in food and feed and PH,TDS,TSS

- And turbidity in water samples and many more . This includes sample preparation, reading of results, reporting and description of results attained.
- Quality assurance in the Laboratory according to ISO17025
 - First line controls: blanks, shewart –control cards and their interpretation plus undertaking actions in case of the non-conformances.
 - Second line control doing duplicate analysis of the samples and the control standards.
 - Third line controls and processing (proficiency tests)
 - Carrying out routine calibrations and maintenance equipments and the work rooms.
 - Participation in the annual audits to renew or re-evaluates the laboratory accreditation.
 - Preparation of chemicals and the reagents used and ordering for those that are required using the stock manager software.
 - Participation in the trainings and workshops within the Laboratory.
 - Taking part in the general sample preparation within the laboratory before the final analyses is done on the sophisticated Equipments.
 - Analyzing fish samples for Total Basic Nitrogen. This is a parameter required for export of fish and fish products.
 - I also participate in analysis of milk and Milk products in parameters like fat, Titratable acidity, SNF, PH Variation, Density and many more.
 - Participating in water sampling and analysis on site to ascertain the quality of water in Ugandan water bodies like River Kagera Project that ended in December 2020
 - Programming and setting the thermometers (Testo) in order to the determine the moisture content using the hot air Oven Method.
 - Calibration and verification of balances on daily basis.
 - Proven competence using proficiency tests (from international accredited proficiency test providers like GAFTA, Fapas, LGC, NAMWATER) in the analysis of
 - Proximate or nutritional analyses of foodstuffs (moisture, protein, fat, crude fiber, ash, carbohydrates and energy value)
 - Titratable acidity in milk and milk products
 - pH and conductivity of water
 - On 12th /January/2017, I was trained Cocoa and grain grading, fermentation process, fumigation and storage techniques by Mr. Clemens from Grain Council International and I was awarded a certificate.
 - I also do analysis on grains and cocoa like Bean count, humidity, aflatoxin levels, Foreign matter, Slaty, Defective , Insect/Pest damage and also I do sampling

February, 2013-May 2015: Chief Laboratory technician of City View High Schools and Colleges Kawempe- Kampala Uganda.

Key responsibilities and achievements.

- Reagent preparations and the Laboratory Organization
- Inventory/ Stock management
- Training internees from other institutions regarding School Lab work operations.
- Maintenance of the Laboratory glass ware and the elementary equipments such as PH meters, Weighing analytical balances, Binoculars, Magnifying lenses, Voltmeters, Ameters, Meter bridges, tape measures, Gas Cylinders and many more.
- Supervising and teaching chemistry practical lessons.
- Helping other science teachers in organizing the laboratory for the science practical Lessons and Final examinations.
- Rendering advice to the higher authorities on how to best improve the laboratory by putting it to the good laboratory standards after attending and participating in trainings and workshops with other Laboratories.
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INTERNSHIP INDUSTRIAL /TRAINING ATTENDED.

1. Worked at Hoima Regional Referral Hospital Medical Laboratory as an intern from June 2011 to August 2012
2. Worked at National Fisheries Resources Research Institute as an Intern in Water testing Section Analytical Laboratory from from June to August 2012.
3. Trained at Good foam Uganda Limited production unit and Inventory manager , the best mattress manufacturing company in Uganda in 2015.

PERSONAL DEVELOPMENT:

- Enhancement of the skills in laboratory management.
- Exposure to multicultural work environments and building skills to work in such environments.
- Work for long hours under minimum supervision.

Other experiences

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- Academic prefect at St.Thomas More Secondary School Hoima 2003-2004
- Chairperson Debating Club at St.Thomas More Sec.Sch.Feb –November 2004
- Science Laboratory Technology course Coordinator at Kyambogo University 2010-2012.

INTERESTS AND HOBIES.

Bible Reading, Playing volley ball, Watching Soccer, Adventure and Reading Novels.

COMPUTER SKILLS

MS Word, MS Excel, MS Access, MS Power Point & Internet

PERSONAL PROFILE

- Good communication skills; effective speaking, listening and writing through appropriate communication channels
- Customer service; a good understanding of the needs of the students and the science teachers and be reasonable in meeting their needs
- Innovative skills; ability to explore new ways, methods and techniques of doing things better
- Motivation; Self-directed and capable to perform beyond the call of duty
- Task Delivery; Ability to start and complete assigned tasks, documented accountability, meeting set targets, submitting work in progress and periodic reports
- Attitude and Team work; Share information, give timely responses to assignments, work effectively with others, display positive attitude and good interpersonal relationship towards colleagues and other stake holders

CAREER OBJECTIVE

To secure a position giving greater responsibility to new challenges in which to exercise skills.

LANGUAGES SPOKEN

English, Runyoro/Rutooro,Lugungu,Luganda,Swahili

REFERENCES

1. MR.JULIUS MBABAZI

HEAD OF LABORATORY OPERATIONS

CHEMIPHAR UGANDA LIMITED

P.O BOX 25525, KAMPALA.

CONTACT: 0772553932

2. MR.KAHOZA PETER

HEAD OF CURRICULUM

SCORIS INTERNATIONAL SCHOOL.

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