

BRIAN MUNENE GITAU

INDUSTRIAL CHEMIST

Email: briangitau6870@gmail.com

Phone: +254 795 573 551

PROFILE

I am a motivated and detail-oriented third-year Industrial Chemistry student at the University of Nairobi, seeking an attachment position to apply and expand my knowledge in chemical analysis, synthesis, and industrial processes. Eager to contribute to research, development, and production in a dynamic industrial environment.

RELEVANT SKILLS AND KNOWLEDGE

- Ability to Formulate from concept to prototype and to commercialization.
- Ability to develop solutions to improve formulation performance.
- Ability to Undertake performance testing vis-a-vis defined performance indicators and benchmarks.
- Ability to Use statistical tools when necessary to evaluate key product parameters and to optimize formulation.
- Ability to Conduct patent searches to both aid in development and avoid property infringement.
- Ability to Design multivariate studies of different formulations of a particular product, minimizing the number of replicates while maximizing the amount of information obtained.
- Ability to Conduct studies on long-term stability of products.
- Ability to Analyze results of experimental studies and write reports for both corporate records and regulatory bodies.
- Ability to Assist with scale-up from development to production quantities, in collaboration with chemical engineers and plant production personnel.
- Modify excipients (inactive ingredients) to increase the bioavailability of low-solubility active pharmaceutical ingredients.

EDUCATION

University of Nairobi

BSc. Industrial Chemistry (3rd Year)

(2022 – Present)

Ikuu Boys High School

Kenya Certificate of Secondary Education (KCSE)

(January 2018 – April 2022)

Bishop Lawi Imathiu Primary School

Kenya Certificate of Primary Education (KCPE)

(2007 – 2017)

HOBBIES

- Reading books news articles
- Data annotation

REFERENCES

Dr. John Muramba Wanjohi
Senior Lecturer, Organic Chemistry Department
University of Nairobi
Phone: 0722626593
Email: jwanjohi@uonbi.ac.ke

Professor David K. Kariuki
Head of Chemistry Department
University of Nairobi
Phone: 0772459087
Email: dept-chem@uonbi.ac.ke