

KALEY HUYNH

+1 647-923-3989

Kahuynh@uwaterloo.ca

PROFESSIONAL SUMMARY

Detail-oriented and enthusiastic Biochemist, proficient with titrations, dilutions and standard solution preparation. Ready to contribute and develop skills as an organized, dedicated and time-efficient learner for an 8 month Co-op period. Highly skilled in communication, collaboration, and time management.

EXPERIENCE

University of Waterloo | Class Laboratory

January 2024 - August 2024

Molecular biology and Microbiology Laboratories

- Developed strong foundation in aseptic techniques and handling level 2 microbial organisms
- Proficient in understanding lab safety and proper waste disposal
- Familiar with DNA/RNA sample preparation for cloning, transformation digests
- Experienced with light microscopy and gel electrophoresis

Standard BioTools Inc.

September 2023 - December 2023

Reagents Operations Intern

- Accurately produced Genomic stock reagents according to MBR
- Performed aliquots to produce packaged goods for company clientele
- Conducted Quality control tests for water contamination
- Utilized Nanodrop to verify stock concentration

University of Waterloo | Class Laboratory

April 2023 - August 2023

Organic Synthesis Laboratory

- Proficiency in TLC, distillation techniques and liquid-liquid extraction
- Familiar with IR, MS, and C and H NMR analysis of organic and aromatic compounds
- Performed boiling/melting point determination, recrystallization and rotary evaporation to evaluate and isolate pure products synthesized

NutraGummy Inc.

January 2023 - April 2023

Quality Control Assistant

- Prepared and organized gummy production records and Standard Operating Procedures
- Conducted tests to ensure quality and products including - microbial testing for contaminants, gummy water content testing, calibration tests for scales, tablet hardness and friability tests
- Trained in GMP

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EXPERIENCE

University of Waterloo | Class Laboratory

September 2022 - April 2023

Analytical Chemistry Laboratory

- Developed strong foundation in the use of precision glassware
- Built strong understanding of lab safety and proper disposal of waste
- Proficient in making serial dilutions and quantification using Spectrophotometry
- Familiar with HPLC and GC-FID

SKILLS

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|--------------------|---------------------|-----------------------|
| • Microsoft Office | • Leadership | • Task Prioritization |
| • Communication | • Critical Thinking | • Adaptability |
| • Multi-tasking | • Time-management | • WHMIS trained |
| • Detail Oriented | • R Language | • GMP trained |

EDUCATION

Bachelor of Science

2021 - Present

University of Waterloo