

Chromatography Facility

University of Alberta

Faculty of ALES

1-20K Ag/For

780-492-6966

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SERVICES AVAILABLE

- **GAS CHROMATOGRAPHY**
VFA/SCFA FAMES
Alcohols Sterols
Biodiesel Alkanes
Carbohydrates
- **LIQUID CHROMATOGRAPHY**
Amino acids Sugars
Caffeine Pyridinoline
Phenolic acids Flavonoids
Size Exclusion Furans
Fat Soluble Vitamins:
 Carotenoids, Retinols,
 Tocopherols
Water Soluble Vitamins:
 Ascorbic acid, B-Vitamins
 1,2,3,5,6,12, Folic acid,
 Niacin
- **FREEZE DRYING**
Console dryer
Port drying chamber *
 *Must provide own
 glassware
- **SAMPLE PREPARATION**
We provide information and advice on sample preparation, including extraction, derivatization and hydrolysis.
Samples should be prepared before bringing for analysis.
- **METHOD DEVELOPMENT**
New analysis requests are always welcome, and new methods for analyses not listed here can be developed on GC, GC/MS and HPLC. Please contact us directly with your request.
- **TRAINING**
Training can be provided to students and researchers in the Faculty of ALES. Training offered may include instrument operation, software instruction, data analysis, chromatography theory and troubleshooting.

ABOUT THE CHROMATOGRAPHY FACILITY

The Chromatography Facility is part of the Faculty of ALES Core Facilities, located in the Agriculture/Forestry building. We are a fully equipped analytical laboratory, with GC, HPLC, GC/MS and freeze drying capabilities.

We support both research and teaching through sample analysis and training via theory and hands-on demonstrations.

Our analytical services are available to academic, industrial and government researchers. We work with researchers to develop new methods and protocols as their research needs change. Please contact us directly to discuss your project.

For more information and pricing, contact Lisa Nikolai at 780.492.6966 or lisa.nikolai@ualberta.ca.



UNIVERSITY OF ALBERTA
FACULTY OF AGRICULTURAL,
LIFE & ENVIRONMENTAL SCIENCES