



Organic Chemistry tests – St Lucia and Gatton

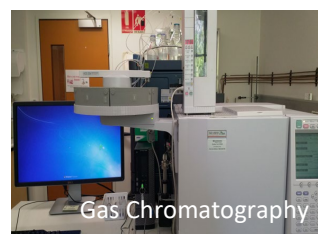
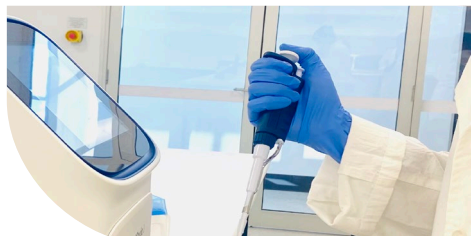
Organic analyses offered: AGFS ASU St Lucia and AGFS CAL Gatton
Organic analyses: AGFS ASU St Lucia
Sample Preparation and Instrument Analyses - commonly used procedures
Sample preparation
Sample drying (under nitrogen flow)
Sample drying using SpeedVac
Basic liquid-phase extraction (single step)
Basic liquid-phase extraction (two steps)
Multi-step extraction / Solid Phase Extraction (SPE)
Filtration prior to GC or LC analyses
Derivatisation
Gas dilution
Chromatography Analyses (analyses only , samples submitted ready for analyses)
Gas Chromatography-Mass Spectrometry (GC-MS)
Greenhouse Gases (with FID/ECD)
Gas injection (with FID/TCD)
Liquid injection (with FID)
Gas Chromatography-Mass Spectrometry (GC-MS)
Sample screening/ open profiling (Liquid, headspace or SPME injections; single quadrupole MS)
Targeted compound analyses (single quadrupole MS)
Liquid chromatography (LC)
UHPLC – standard detectors (fluorescence, RI, ELSD and PDA)
Ion Chromatography (IC)
Liquid chromatography-Mass Spectrometry (LC-MS/MS)
LCMS untargeted
LCMS targeted
Additional Services
Sample preparation
Instrument method development
Data processing and interpretation
Chromatography-related consultation
Assistance with publication-quality outputs



THE UNIVERSITY
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AUSTRALIA

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Organic Chemistry tests – Gatton

Organic analyses: AGFS_CAL Gatton	
Sample Preparation and Instrument Analyses - commonly used procedures	
Sample preparation	
Sample drying (under nitrogen flow)	
Basic liquid-phase extraction (single step)	
Basic liquid-phase extraction (two steps)	
Multi-step extraction / Solid Phase Extraction (SPE)	
Filtration prior to GC or LC analyses	
Derivatisation	
Liquid Chromatography	
Purine analysis UHPLC - PDA	
Urea-N analysis UHPLC - PDA	
UHPLC – standard detectors (Fluorescence, RI, ELSD and PDA)	
Gas Chromatography	
Volatile Fatty Acids in Rument (with FID-Liq)	
Gas injection (with FID/TCD)	
Liquid injection (with FID)	
Chromatography method development / data processing and interpretation / publications	
Sample preparation	
Instrument method development	
Data processing and interpretation	
Assistance with publication-quality outputs	

Please note: individual requests will be provided with quotation.

Incremental discounts may be applied for large sample batches.

Contact our Scientific Services Team: agfs.scientific.services@uq.edu.au