

# Resource Summary Report

Generated by SPARC SAWG on Sep 14, 2026

## Queensland University of Technology Central Analytical Research Facility (CARF) Proteomics and Small Molecule Mass Spectrometry Core Facility

RRID:SCR\_017933

Type: Tool

### Proper Citation

Queensland University of Technology Central Analytical Research Facility (CARF)  
Proteomics and Small Molecule Mass Spectrometry Core Facility (RRID:SCR\_017933)

### Resource Information

**URL:** <https://www.qut.edu.au/institute-for-future-environments/facilities/central-analytical-research-facility/our-laboratories/proteomics-and-small-molecule-mass-spectrometry-laboratory>

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**Description:** Core provides liquid chromatography and gas chromatography mass spectrometry instrumentation for selective identification and reproducible quantification of trace-level biomolecules in complex samples. Services include qualitative, quantitative and structural analysis of proteins, lipids, metabolites, pesticides, pharmaceuticals and volatile organic compounds. Tests can be performed as long as molecules of interest are amenable to ionisation technique employed in source of mass spectrometer. Depending on instrument type, samples may be solid, liquid or gas. Mass spectrometry platforms include Liquid Chromatography Mass Spectrometry (LC-MS) and Gas Chromatography Mass Spectrometry (GC-MS). Analysis include volatile organic compounds (odour analysis), pharmacokinetics (bioavailability, bioefficacy), drug development (determining structures of drugs and metabolites), clinical testing (biomarkers discovery and endogenous compounds), genomics (oligonucleotide sequencing) epigenetics (global DNA methylation analysis), environmental research (testing water, soil, food and air quality).

**Synonyms:** Proteomics and small molecule mass spectrometry

**Resource Type:** access service resource, core facility, service resource

**Keywords:** Proteomics, small, molecule, mass, spectrometry, liquid, chromatography, gas, trace, level, biomolecule, sample, quantification, identification, structural, analysis,

protein, lipid, metabolite, pesticide, pharmaceutical, volatile, organic, compound, service, core, ABRF

**Funding:** ABN ;  
CRICOS

**Resource Name:** Queensland University of Technology Central Analytical Research Facility (CARF) Proteomics and Small Molecule Mass Spectrometry Core Facility

**Resource ID:** SCR\_017933

**Alternate IDs:** ABRF\_837

**Alternate URLs:** <https://coremarketplace.org/?FacilityID=837>

**Record Creation Time:** 20220129T080337+0000

**Record Last Update:** 20260912T200405+0000

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## Ratings and Alerts

No rating or validation information has been found for Queensland University of Technology Central Analytical Research Facility (CARF) Proteomics and Small Molecule Mass Spectrometry Core Facility.

No alerts have been found for Queensland University of Technology Central Analytical Research Facility (CARF) Proteomics and Small Molecule Mass Spectrometry Core Facility.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.