

Internal Charges Policy

Schedule IC-SCG-06: Analytical Laboratory

Approving Authority	Vice President (Corporate Services)
Approval date	16 December 2018
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Description	This schedule provides internal charge costs pertaining to the Analytical Laboratory located on Nathan campus. This document is a supplement to the Internal Charges Policy and subsequent Approved Internal Charges List.

Related documents

[Internal Charges Policy](#)

[Approved Internal Charges List 16/12/2018](#)

[Finance Management Practice Manual](#)

DISCRETE CHEMICAL ANALYSER (DCA)	
Description:	Charge:
Analysis	\$26 for setup plus:
	Charge (per sample):
NH4	\$1.55
NOx	\$1.55
PO4	\$1.55
Chloride	\$1.55
Total Nitrogen (DCA)	\$1.55
Persulfate digestion	\$1.55
Persulfate digestion + DCA	\$3.10
Total Phosphorus (DCA)	\$1.55
Persulfate digestion	\$1.55
Persulfate digestion + DCA	\$3.10
Total Nitrogen & Phosphorus (DCA)	\$3.10
Persulfate digestion	\$1.55
Persulfate digestion + DCA	\$4.65
Standards preparation	Included in setup (table below)

STANDARDS PREPARATION	
Description:	Charge:
GC-ECD-MS Gas Chromatograph fitted with an in-line electron capture detector and mass spectrometer	\$26 for setup plus \$2.45 for 2 mins and 10c for each additional minute examples: \$3.05 (8 min) \$3.75 (15 min)
GC-ECD-FID Gas Chromatograph fitted with an in-line electron capture and flame ionisation detectors	\$26 for setup plus \$1.65 for 2mins and 10c for each additional minute examples: \$2.25 (8 min) \$2.95 (15 min)
GC-TCD-FID Gas Chromatograph fitted with in-line thermal conductivity and flame ionisation detectors	\$26 for setup plus: \$1.65 for 2 mins and 10c for each additional minute examples: \$2.25 (8 min) \$2.95 (15 min)
FDRY Small and Large Freezer Dryers	\$10.20 per day
ASE Accelerated Solvent Extraction	\$10.20 per sample OR \$15.30 per hour (including set-up) <i>Client pays for solvents</i>
MWD Microwave Digestor	\$5.10 per run (A run can include up to 10 standard samples OR up to 30 samples if inserts used)
AAS Atomic Absorption Spectrometer	\$5.10 for each element for setup plus: \$1.55 each for first 100 \$1.05 each for second 100 \$0.52 each for any additional
HPLC-PDA High Pressure Liquid Chromatography Equipped with Photo Diode Array Detectors	\$26.00 for setup plus: \$2.10 per injection <i>Client pays for own solvents / column</i>
AGILENT UV-VIS UV-Vis Spectrophotometer purchased from Agilent	\$0.52 per sample OR \$5.10 per hour
SHIMADZU UV-VIS UV-VIS Spectrophotometer purchased from Shimadzu	\$0.52 per sample OR \$7.65 per hour

SCHOOL OF NATURAL SCIENCES SCHEDULE OF FEES AND CHARGES FOR COMMON AND GENERAL USE INSTRUMENTATION. SUBMITTED SAMPLES - GU & ASS. ACADEMICS LOW RESOLUTION MASS		
Charge Description	Method supplied	Charge
Spectrometry		
ESI – LCMS	Direct Injection - 4000da limit. Single mode*	\$26.00/sample
APCI – LCMS	Direct Injection - 4000da limit. Single mode*	\$26.00/sample
ESI/APCI – multimode	Direct Injection - 4000da limit. Single mode*	\$36.50/sample
Proteomic Mass Spectroscopy		
ESI - LCMS	Raw Data: +ve or -ve mode, raw unprocessed data**, ***	\$52.00/sample
ESI - LCMS	Deconvolution: +ve or -ve mode, processed MAXENT data**, ***	\$155.00/sample
Chromatography		
GC-FID	Gas Chromatography. Results include peak table**	\$31/hr min \$15(total run time for batch)
GC-MS	Gas Chromatography. EI MS mass range 1200da**	\$31/hr min \$15(total run time for batch)
HPLC	Liquid Chromatography, single wavelength**	\$31/hr min \$15(total run time for batch)
UPC^2	Convergence Chromatography (CO2)	\$52/hr min \$15 (total run time for batch)
HPLC-MS	Liquid Chromatography. ESI or APCI, 4000da limit single mode*	\$52/hr min \$15 (total run time for batch)
UPLC-MS/MS	Liquid Chromatography. ESI, 3000da MS/MS-MRM	\$155/hr min \$75 (total run time for batch)
Method Development	Ω	\$52/hr + total run time for all meth dev runs

* Direct injections and infusions are run in 80:20 MeCN:Water, use of other solvents must be specified. Use of other modes and other dopants (i.e. NH4+, Li+, Ag+, etc.) attracts an additional 'unique' sample charge.

** Quantitative analysis data interpretation will incur additional hourly rate charges, \$205/hr (min \$100). Method Development will incur additional charges as shown. EI Peak identification attracts a \$2 per peak charge for 3 peaks and more. Bulk samples are eligible for a discount after discussion with operator.

*** Sample should be desalted and ready for instrument use. Please include low res MS Data. If a low res MS spectra is not submitted one will be charged.

OPTICAL SPECTROSCOPY		
Description	Charge	
ICP-OES	Negotiable	
FTIR (Fourier transform inferred)	\$21.00 (Reasonable use policy. Discuss with operator)	
UV/VIS	\$21.00 (Reasonable use policy. Discuss with operator)	
LC-MS	\$31.50/hr (+ \$5 session fee)	
UPLC-MS/MS	\$102.00/hr (+ \$5 session fee)	
GC-FID	\$21.00/hr (+ \$5 session fee)	
GC-MS	\$21.00/hr (+ \$5 session fee)	
GC-MS/MS	\$31.50/hr (+ \$5 session fee)	
GC-MS/MS SPME	\$31.50/hr (+ \$5 session fee)	
HPLC	\$31.50/hr (+ \$5 session fee)	
FTIR	Reasonable Use Policy. Discuss with Operator	
UV/VIS	Reasonable Use Policy. Discuss with Operator	
USER-OPERATOR CHARGES		
GU & ASS. ACADEMICS LOW RES MASS SPECTROMETRY		
Optical Instrumentation	FTIR, UV/VIS	NSC users will attract no charge for training ENV, Eskitis, Glycomics and other research institutions \$52/hr
General Equipment	GC, GC-MS, HPLC HPLC-MS, AA	GU and associated users will be charged at a nominal rate of \$52/hr per person