

TRACES Centre User Fees

<u>Instrumentation</u>		<u>Internal User¹</u>	<u>External User²</u>	<u>Sample Rates</u>	<u>Notes</u>
GC (FID,TCD)		\$10/hr	\$50/hr	\$50/sample	Consumables not included Column change \$100
GC-MS (EI mode)	(CI+\$15/hr)	\$40/hr	\$95/hr	\$155/sample	Consumables not included
GC-MS (QQQ/EI mode)	(CI+\$15/hr)	\$50/hr	\$145/hr	\$200/sample	Column change \$100
HPLC (DAD,FLD,RID)		\$10/hr	\$50/hr	\$50/sample	Consumables not included
(Fraction Collection add \$10/hr)					Column change \$100
LCMS (QQQ/advanced users)		\$50/hr	\$145/hr	\$200/sample	Consumables not included
LCMS (QToF TRACES staff)		\$55/hr	\$155/hr	\$200/sample	MS/MS analysis
IC (anion, cation, weak acids)		\$15/hr	\$75/hr	\$75/sample	Consumables not included
UV-Vis		\$10/hr	\$15/hr	\$15/sample	Consumables not included
Raman		\$10/hr	\$15/hr	\$25/sample	Consumables not included
FTIR (ATR,Trans,DRIFT,SpecRef)		\$10/hr	\$15/hr	\$15/sample	Consumables not included
(Far-IR and FrontRefl add \$10/hr)					
Fluorescence		\$10/hr	\$15/hr	\$15/sample	Consumables not included
HHXRF ³		\$200/4hr	\$250/sp	\$105/sample	Consumables not included
TRXRF ⁴		\$10/hr	\$25/hr	\$25/sample	Consumables not included
TOC/TN (Water Samples Only)		\$35/hr	\$55/hr	\$50/sample	Consumables not included
Flame AAS		\$15/hr	\$75/hr	\$50/sample	Consumables not included
(For GFAAS add \$10/hr)					
ICP-MS (advanced users) ⁵		\$100/hr	\$195/hr	\$50/sample	Consumables not included
Single Crystal Diffraction		\$75/sp/day	\$225/hr	\$250/sample	Consumables not included
Elemental Analysis (CN only)		\$35/hr	\$55/hr	\$75/sample	Consumables not included
NMR		\$8/hr	\$15/sample	\$25/sample	Consumables not included
(External & Sample Rates apply to ¹ H only)					

Please be advised that this is the cost for use of the instrument only. The cost of consumables (if needed) is extra. Discounts available on large sample volume (+50 sample). **Contact TRACES Lab Manager for more information.**

¹Internal Users refers to the users from DPES (cross appointments accepted)

²External Users refers to non-UoFT users

³MUST have valid Level 1 NRCAN HHXRF Certification

⁴Must have valid UoFT Xray Safety Certification

⁵EPA200.8 Elements ONLY- within specified limits