

TRACES Centre User Fees

<u>Instrumentation</u>		<u>Internal User*</u>	<u>External User**</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) (Fraction Collection add \$10/hr)		\$10/hr	\$50/hr	\$50/sample	Consumables not included 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
MALDI (advanced users)		\$25/hr	\$95/hr	\$200/sample	
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) (Far-IR and FrontRefl add \$10/hr)		\$10/hr	\$15/hr	\$15/sample	Consumables not included
Fluorescence		\$10/hr	\$15/hr	\$15/sample	Consumables not included
HHXRF***		\$200/4hr	\$250/sp	\$105/sample	Consumables not included
TRXRF****		\$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 (For GFAAS add \$10/hr)		\$15/hr	\$75/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 (External & Sample Rates apply to ¹ H only)		\$8/hr	\$15/sample	\$25/sample	Consumables not included

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.**

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

** External Users refers to non-UofT users

***MUST have valid Level 1 NRCAN HHXRF Certification

****Must have valid UofT Xray Safety Certification