

TRACES User Fees

<u>Instrumentation</u>	<u>Internal User*</u>	<u>External User**</u>	<u>Notes</u>
GC (FID,TCD)	\$10/hr	\$50/hr	Consumables not included Column change \$100
GC-MS (EI mode) (CI mode add \$15/hr)	\$20/hr	\$75/hr	Consumables not included Column change \$100
HPLC (DAD,FLD,RID) (Fraction Collection add \$10/hr)	\$10/hr	\$50/hr	Consumables not included Column change \$100
LC-MS (single quad/advanced users)	\$20/hr	\$95/hr	Consumables not included
LCMS (QToF TRACES staff)	\$25/hr	\$105/hr	\$25/sample
MALDI (advanced users)	\$25/hr	\$95/hr	
IC (anion, cation, weak acids)	\$15/hr	\$75/hr	Consumables not included \$25/sample
UV-Vis	\$10/hr	\$15/hr	Consumables not included
Raman	\$10/hr	\$15/hr	Consumables not included
FTIR (ATR,Trans,DRIFT,SpecRef) (Far-IR and FrontRefl add \$10/hr)	\$10/hr	\$15/hr	Consumables not included
Fluorescence	\$10/hr	\$15/hr	Consumables not included
HHXRF***	\$200/4hr	\$250/sp	Consumables not included
TRXRF****	\$10/hr	\$25/hr	Consumables not included
TOC/TN (Water Samples Only)	\$35/hr	\$55/hr	Consumables not included \$35/sample
Flame AAS (For GFAAS add \$10/hr)	\$15/hr	\$75/hr	Consumables not included
Single Crystal Diffraction	\$75/sp/day	\$225/hr	Consumables not included
Elemental Analysis (CHN only)	\$35/hr	\$55/hr	Consumables not included \$35/sample
NMR	\$7/hr	\$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). This will be to the discretion of the Lab Manager.

*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