

### ICP-MS Price List\*

Service	Cost / per sample		
	Trent internal	External academic/government	Commercial
Acid digestion <sup>1,2</sup> - Open vessel hotplate digestion ( <i>aqua regia</i> or HNO <sub>3</sub> )	\$30	\$45	\$60
Water sample preparation <sup>1</sup> - Acidify with HNO <sub>3</sub> - Filter to < 0.45 µm	\$1 \$5	\$1.5 \$7.50	\$2 \$10
Sample dilution	\$2	\$3	\$4
ICP-QQQ-MS solution analysis <sup>1,3</sup> - Multi-element <sup>4</sup> - REEs <sup>5</sup>	\$20 \$10	\$30 \$15	\$60 \$30
Total Hg analysis (solid samples only) using Milestone DMA <sup>2</sup>	\$15	\$30	\$60
Isotope ratio analysis by MC-ICP-MS	Please contact us		

<sup>1</sup> Ten sample minimum.

<sup>2</sup> Samples must be freeze-dried and homogenized.

<sup>3</sup> For samples submitted 'ready-to-analyze', please contact us for advice regarding sample preparation and submission.

<sup>4</sup> Please specify target analytes.

<sup>5</sup> For add-on with other analytes only.

### Stable Isotope Price List\*

Service	Cost / per sample		
	Trent internal	External academic/government	Commercial
C/N Isotopes (δ <sup>15</sup> N, δ <sup>13</sup> C, %N, %C) (solid samples only)	\$16.50 <sup>6</sup>	\$33 <sup>7</sup>	\$66 <sup>2</sup>
Additional sample preparation, (washing of hair, freeze drying and homogenization)	Please contact us		
O/H Isotopes (δ <sup>18</sup> O, δ <sup>2</sup> H) (water samples only)	\$15	\$30	\$60
Compound specific isotope ratio analysis by GC-IR-MS	Please contact us		

<sup>6</sup> For samples submitted 'ready-to-analyze' (i.e., pre-weighed in tin capsules)

<sup>7</sup> A \$5 discount will apply to samples received 'ready-to-analyze'

## Organics Price List\*

Service	Cost / per sample		
	Trent internal	External academic/government	Commercial
LC-MS/MS or GC-MS analysis of routine analytes <sup>8</sup> in 'ready-to-analyze' samples	\$50	\$100	\$200
Extraction of water samples and LC-MS/MS or GC-MS analysis of routine analytes <sup>8</sup>	\$150	\$200	\$400
Extraction of solid samples <sup>9</sup> and LC-MS/MS or GC-MS analysis of routine analytes <sup>8</sup>	\$200	\$250	\$500
Development of extraction and analysis methods for analytes not on our routine list	Please contact us		
Extraction of water/solid sample and untargeted metabolomic analysis using LC-MS/MS	\$250	\$300	\$600
Sample characterization using High-Resolution Mass Spectrometry	Please contact us		

<sup>8</sup> Per class of co-extractable routine analytes (please see: <https://www.trentu.ca/wqc/facilities-services/services>)

<sup>9</sup> Solid samples include biota, sediments, soils, etc.

- All prices are subject to change