

**Price Schedule, ISL UofC - 2026**

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**2026**

Analysis	Material	Comments	Instrument
<b>Oxygen</b>	water	clean, natural abundance	Los Gatos Research DLT-100
	brine	>15000 ppm TDS	DeltaV + Gas Bench
	production or "plunged" water	contaminated waters requiring clean-up	DeltaV + Gas Bench
	solids	<sup>18</sup> O-bulk: inorganic (eg. BaSO <sub>4</sub> ) or organic (eg. plant tissue)	DeltaPlusXL+ HEKATECH
<b>Hydrogen</b>	water	clean, natural abundance	Los Gatos Research DLT-100
	brines	>15000 ppm TDS	DeltaV + Gas Bench
	solids	eg. collagen	DeltaV+ HEKATECH
	production or "plunged" water	contaminated waters requiring clean-up	DeltaV + Gas Bench
	CH <sub>4</sub>	Direct Injection (> ~1500 ppmV)	Thermo 253 + GC IsoLink
	CH <sub>4</sub>	Purge & Trap (< ~1500 ppm)	Thermo 253 + GC IsoLink
	CH <sub>4</sub> - C <sub>3</sub>	natural gas	Thermo 253 + GC IsoLink
<b>Carbon</b>	carbonate minerals (δ <sup>13</sup> C + δ <sup>18</sup> O)	pure mineral phases	DeltaV + Gas Bench
	Dissolved Inorganic Carbon (DIC)	submitted as water or SrCO <sub>3</sub> ppt	DeltaV + Gas Bench
	CO <sub>2</sub> (δ <sup>13</sup> C + δ <sup>18</sup> O)	gas (off-line purification then DI-IRMS)	DeltaV + DI
	CH <sub>4</sub> or CO <sub>2</sub>	> 3000 ppmv (direct injection)	Thermo 253 + GC IsoLink
	CH <sub>4</sub> or CO <sub>2</sub>	< 3000 ppmv (Purge & Trap preconcentration)	Thermo 253 + GC IsoLink
	CH <sub>4</sub> - C <sub>2</sub> & CO <sub>2</sub>	natural gas	Thermo 253 + GC IsoLink
	<b>Sulfur</b>	solid	pure BaSO <sub>4</sub> or Ag <sub>2</sub> S precipitate ( <i>minimum of 1mg must be provided by client</i> )
dissolved S		precipitation of BaSO <sub>4</sub> from groundwater then <sup>34</sup> S measurement	DeltaV+ NA1500
disulfide-S (whole ground rock)		HNO <sub>3</sub> digestion and BaSO <sub>4</sub> precipitation then <sup>34</sup> S measurement **	DeltaV+ NA1500
soluble sulfate		hot DIW extraction, precipitation of BaSO <sub>4</sub> then <sup>34</sup> S measurement **	DeltaV+ NA1500
H <sub>2</sub> S in gas		CdS or Ag <sub>2</sub> S ppt ( <i>trapped in the field by client</i> ) **	DeltaV+ NA1500
		** contact ISL prior to submitting samples	
<b>C/N</b>	<sup>13</sup> C, <sup>15</sup> N, %C, %N		DeltaV + IsotopeCUBE / Costech 4010
	<sup>13</sup> C, %C	carbon only	DeltaV + IsotopeCUBE / Costech 4010
	<sup>13</sup> C-org, %C	decarbonation of WRP and EA-IRMS	DeltaV + IsotopeCUBE / Costech 4010
	<sup>15</sup> N, %N	nitrogen only	DeltaV + IsotopeCUBE / Costech 4010
	<sup>15</sup> N NH <sub>4</sub>	dissolved ammonium	DeltaV + IsotopeCUBE / Costech 4010
	wt%C or wt%N	weight% measurement only	isotope CUBE
	sample preparation/purification	drying/grinding/filtering/extracting	
<b>Nitrates</b>	<sup>15</sup> N + <sup>18</sup> O	dissolved TON (nitrate + nitrite)	DeltaV + PreCon
	[TON]	dissolved TON (nitrate + nitrite) concentration only	Thermo-Gallery
<b>Water-pkg</b>	<sup>18</sup> O + DH	clean surface water	Los Gatos Research DLT-100
	<sup>18</sup> O + DH	contaminated or brine water	DeltaV+Gas Bench or DeltaXL+TCEA
<b>Sulfate-pkg</b>	<sup>34</sup> S + <sup>18</sup> O	clean BaSO <sub>4</sub>	Delta+XL+NA1500 & Delta+XL+HEKA
	dissolved SO <sub>4</sub> <sup>=</sup>	precipitation of BaSO <sub>4</sub> then <sup>34</sup> S & <sup>18</sup> O measurement	Delta+XL+NA1500 & Delta+XL+HEKA
<b>Hydrocarbon-pkg</b>	composition, <sup>13</sup> C & <sup>2</sup> H	natural gas (C1 to C5)	Thermo 253 + GC IsoLink
<b>Dissolved gas-pkg</b>	composition, <sup>13</sup> C & <sup>2</sup> H	dissolved gases extracted from water. <i>Must use specialized sample bottle (see next line)</i>	Thermo 253 + GC IsoLink
	dissolved gas sample bottles	125mL serum bottles with biocide. Evacuated to 10-2 mbar	
<b>Strontium</b>	<sup>87/86</sup> Sr	Strontium concentration supplied by client	Triton
	<sup>87/86</sup> Sr + [Sr]	[Sr] measured by isotope dilution	Triton
<b>Boron</b>	<sup>11</sup> B	Boron concentrations supplied by client	Triton
	<sup>11</sup> B + [B]	[B] measured by isotope dilution	Triton

CND Academic	Non-CND Academic & CND governments	Non-Academic (Industry)
\$ 20	\$ 35	\$ 50
\$ 30	\$ 40	\$ 70
\$ 40	\$ 55	\$ 100
\$ 40	\$ 60	\$ 90
\$ 20	\$ 35	\$ 50
\$ 30	\$ 40	\$ 70
\$ 40	\$ 50	\$ 90
\$ 40	\$ 55	\$ 100
\$ 60	\$ 100	\$ 180
\$ 90	\$ 135	\$ 210
\$ 150	\$ 210	\$ 400
\$ 30	\$ 40	\$ 70
\$ 30	\$ 40	\$ 70
\$ 100	\$ 200	\$ 300
\$ 50	\$ 90	\$ 170
\$ 80	\$ 125	\$ 200
\$ 150	\$ 210	\$ 400
\$ 25	\$ 50	\$ 100
\$ 45	\$ 90	\$ 150
\$ 75	\$ 100	\$ 170
\$ 60	\$ 100	\$ 170
\$ 45	\$ 90	\$ 150
\$ 30	\$ 40	\$ 60
\$ 20	\$ 30	\$ 50
\$ 30	\$ 50	\$ 80
\$ 20	\$ 30	\$ 50
\$ 90	\$ 150	\$ 220
\$ 20	\$ 30	\$ 50
\$ 10	\$ 20	\$ 45
\$ 100	\$ 150	\$ 220
\$ 20	\$ 30	\$ 50
\$ 30	\$ 60	\$ 80
\$ 60	\$ 80	\$ 140
\$ 60	\$ 100	\$ 180
\$ 80	\$ 140	\$ 230
\$ 250	\$ 400	\$ 700
\$ 275	\$ 425	\$ 725
\$ 20	\$ 25	\$ 30
\$ 190	\$ 270	\$ 485
\$ 220	\$ 330	\$ 550
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\$ 220	\$ 330	\$ 550

**Notes:** All prices in CND dollars  
 All prices include UofC overhead of 15%  
 GST not included