



**ISOTOPE
TRACER
TECHNOLOGIES INC**

695 Rupert St., Unit B
Waterloo, Ontario
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E-mail: info@it2isotopes.com
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IT² Isotope Analyses Price List

Water Samples	Cost (\$)	TAT
² H of water samples	30	2 weeks
¹⁸ O of water samples	30	2 weeks
² H and ¹⁸ O of water samples	50	2 weeks
² H and ¹⁸ O of water samples	100	2 days
² H and ¹⁸ O of water samples (Saline)	75	1-2 weeks
Tritium (direct)	50	2 week
Tritium (direct)	75	1 week
Tritium (Enriched) by electrolysis	185	5 weeks
Tritium (Enriched) bt electrolysis	300	2-3 weeks
Tritium Ultra Low Level	500	6 weeks
Pre Treatment (dirty samples or samples with conductivity > 5000 uS/cm)	80	-
¹⁵ N of dissolved nitrate (including extraction)	95	4 weeks
¹⁸ O of dissolved nitrate (including extraction)	90	4 weeks
¹⁸ O and ¹⁵ N of dissolved nitrate (including extraction)	135	4 weeks
³⁴ S of dissolved sulphate (including extraction)	90	4 weeks
¹⁸ O of dissolved sulphate (including extraction)	90	4 weeks
¹⁸ O and ³⁴ S of dissolved sulphate (including extraction)	135	4 weeks
¹³ C of dissolved inorganic carbon (DIC)	50	3 weeks
¹³ C of dissolved organic carbon (DOC)	50	4 weeks



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^{14}C of DIC in water by AMS	450	6-8 weeks
^{37}Cl of dissolved chloride	235	4 weeks
^{81}Br of dissolved bromide	290	4 weeks
$^{87}\text{Sr}/^{86}\text{Sr}$ of dissolved strontium	275	5 weeks
^{234}U - ^{238}U - ^{230}Th & ^{232}Th (α)	280	6-8 weeks
^{234}U - ^{238}U - ^{230}Th & ^{232}Th (TIMS)	560	6-8 weeks
^{226}Ra (TIMS)	285	6-8 weeks
^{137}Cs (γ)	150	6-8 weeks
^{210}Pb (α)	150	6-8 weeks

Solid Samples

	Cost (\$)	TAT
^{34}S of clean, dry BaSO_4	38	3 weeks
^{18}O of clean, dry BaSO_4	70	4 weeks
^{18}O of clean, dry AgNO_3	70	4 weeks
^{13}C and ^{15}N of solid materials	21	3 weeks
^{13}C and ^{15}N of solid materials (pre-weighed)	12	2 weeks
^{13}C and ^{15}N of solid materials (on filter paper)	42	2 weeks
^{13}C and ^{18}O of carbonate	50	2 weeks
^{37}Cl of various salts	235	2-3 weeks
^{37}Cl of rock samples (crush and leach)	320	2-3 weeks
^{81}Br of various salts	290	3 weeks
^{81}Br of rock samples (crush and leach)	380	3 weeks



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$^{87}\text{Sr}/^{86}\text{Sr}$ of minerals and biological samples (e.g. fish, teeth) 320 5 weeks

^{234}U - ^{238}U - ^{230}Th & ^{232}Th of carbonates (α) 300 6-8 weeks

^{234}U - ^{238}U - ^{230}Th & ^{232}Th of carbonate (TIMS) 575 6-8 weeks

^{234}U - ^{238}U - ^{230}Th & ^{232}Th of silicates (α) 375 6-8 weeks

Organic Samples

Cost (\$)

TAT

^2H of hydrocarbon gases (e.g. Methane, Ethane, Propane) 130 2-4 weeks
(per compound)

^2H of BTEX 130 2-4 weeks
(per compound)

^2H of chlorinated solvents 450 3-5 weeks
(for the first compound + \$100 for each additional compound)

^{13}C of hydrocarbon gases (e.g. Methane, Ethane, Propane) 120 2-4 weeks
(per compound)

^{13}C of BTEX and chlorinated solvents (TCE, PCE, DCE, DCA, VC) 120 2-4 weeks
(per compound)

^{37}Cl of chlorinated solvents (TCE, PCE, DCE, DCA, VC) 450 2-4 weeks
(for the first compound + \$100 for each additional compound)

^2H of bulk hydrocarbon gases (on the EA) 45 2 weeks

^{13}C of bulk hydrocarbon gases (on the EA) 45 2 weeks



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Special Samples	Cost (\$)	TAT
NO ₃ Concentrations	45	2 weeks
SO ₄ Concentrations	45	2 weeks
Cl Concentrations	40	2 weeks
Br Concentrations	40	2 weeks
Sr Concentrations	35	2 weeks
Alkalinity	10	1 week
AgCl Precipitation	35	1 week
Toluene distillation of water samples for (¹⁸ O or ² H)	50	1 week

Contact Information

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