

Individual Analysis Price Summary

(Price in US Dollars)

Effective January 1, 2012

	Standard	Priority	Rush	
Gas Chromatographic Analysis (GC) – N ₂ , CO ₂ , O ₂ , Ar, H ₂ , He, CH ₄ , C ₂ H ₆ , C ₃ H ₈ , iC ₄ H ₁₀ , nC ₄ H ₁₀ , iC ₅ H ₁₂ , nC ₅ H ₁₂ , and C ₆ +				
Complete compositional analysis of gas samples	\$140	\$210	\$280	per sample
Hydrocarbons & major fixed gases only (N ₂ , CO ₂ , O ₂ +Ar)	\$75		\$150	per sample
Extraction and quantification of dissolved CH ₄	\$230	\$345	\$460	per sample
Gas Isotope Analysis – Conventional Off-Line Prep./Dual Inlet M.S. (GC analysis required)				
¹³ C/ ¹² C (δ ¹³ C) and ² H/ ¹ H (δD) analysis of gas components	\$240	\$360	\$480	per component
¹³ C/ ¹² C (δ ¹³ C) analysis only of gas components	\$140	\$210	\$280	per component
Gas Isotope Analysis – Compound Specific, GC-C-IRMS (GC analysis required)				
¹³ C/ ¹² C (δ ¹³ C) analysis of gas components	\$75		\$150	per component
¹³ C/ ¹² C (δ ¹³ C) analysis of gas components with cryogenic enrichment	\$120		\$240	per component
² H/ ¹ H (δD) analysis of gas components by GC-P-IRMS	\$90		\$180	per component
¹⁵ N/ ¹⁴ N (δ ¹⁵ N) analysis of nitrogen in gas sample	\$130	\$195	\$260	per sample
Radiocarbon and Tritium Analysis of Gases (GC and δ ¹³ C analyses required)				
¹⁴ C analysis of gas component by AMS	\$750	\$1,125	\$1,500	per component
¹⁴ C and ³ H analysis of methane by beta spectrometry	\$900	\$1,350	\$1,800	per sample
Stable Isotopes of Water				
¹³ C/ ¹² C (δ ¹³ C) analysis of DIC in water	\$65	\$98	\$130	per sample
² H/ ¹ H (δD) and ¹⁸ O/ ¹⁶ O (δ ¹⁸ O) analysis of water	\$25		\$50	per sample
¹⁵ N/ ¹⁴ N (δ ¹⁵ N) and ¹⁸ O/ ¹⁶ O (δ ¹⁸ O) analysis of dissolved nitrate	\$345	\$518	\$690	per sample
³⁴ S/ ³² S (δ ³⁴ S) analysis of dissolved sulfate	\$230	\$345	\$460	per sample
³⁴ S/ ³² S (δ ³⁴ S) and ¹⁸ O/ ¹⁶ O (δ ¹⁸ O) analysis of dissolved sulfate	\$345	\$518	\$690	per sample
Tritium Analysis of Water				
³ H analysis of water by direct counting (beta spectrometry)	\$250	\$375	\$500	per sample
³ H analysis of water with electrolytic enrichment	\$400	\$600	\$800	per sample
Radiocarbon Analysis of Water				
¹⁴ C analysis of DIC in water by AMS	\$750	\$1,125	\$1,500	per sample
Isotopic Analysis of Organic Solids & Liquids by EA-IRMS (Samples must be provided ready to analyze)				
¹³ C/ ¹² C (δ ¹³ C) analysis only	\$55	\$83	\$110	per sample
¹³ C/ ¹² C (δ ¹³ C) and ¹⁵ N/ ¹⁴ N (δ ¹⁵ N) analysis	\$90	\$135	\$180	per sample
³⁴ S/ ³² S (δ ³⁴ S) analysis	\$55	\$83	\$110	per sample
¹⁸ O/ ¹⁶ O (δ ¹⁸ O) analysis by TCEA-IRMS	\$80	\$120		per sample
² H/ ¹ H (δD) analysis by TCEA-IRMS	\$80	\$120		per sample
Carbonates by Acid Digestion and CF-IRMS				
¹³ C/ ¹² C (δ ¹³ C) analysis only	\$50	\$75	\$100	per sample
¹³ C/ ¹² C (δ ¹³ C) and ¹⁸ O/ ¹⁶ O (δ ¹⁸ O) analysis	\$55	\$83	\$110	per sample
Other Services				
Gas sample archiving, 10 years, 1 cylinder per sample	\$150			per sample
Gas sample archiving, 10 years, 2 cylinders per sample	\$200			per sample
Gas sample archiving, 10 year extension	\$100			per sample
<i>Some restrictions may apply. Prices for other analyses and services available upon request.</i>				

Individual Analysis Turnaround Times

(Business Days)

Effective January 1, 2012

	Standard	Priority	Rush*
Gas Chromatographic Analysis (GC) – N₂, CO₂, O₂, Ar, H₂, He, CH₄, C₂H₆, C₃H₈, iC₄H₁₀, nC₄H₁₀, iC₅H₁₂, nC₅H₁₂, and C₆+			
Complete compositional analysis of gas samples	10	5	3
Hydrocarbons & major fixed gases only (N ₂ , CO ₂ , O ₂ +Ar)	3	n/a	1
Extraction and quantification of dissolved CH ₄	10	5	2
Gas Isotope Analysis – Conventional Off-Line Prep./Dual Inlet M.S. (GC analysis required)			
¹³ C/ ¹² C (δ ¹³ C) and ² H/ ¹ H (δD) analysis of 1 gas component	10+GC	5+GC	3+GC
¹³ C/ ¹² C (δ ¹³ C) and ² H/ ¹ H (δD) analysis of 2 or 3 gas components	15+GC	8+GC	4+GC
¹³ C/ ¹² C (δ ¹³ C) and ² H/ ¹ H (δD) analysis of 4 to 8 gas components	20+GC	10+GC	5+GC
¹³ C/ ¹² C (δ ¹³ C) analysis only of 1 gas component	8+GC	4+GC	2+GC
¹³ C/ ¹² C (δ ¹³ C) analysis only of 2 or 3 gas components	12+GC	6+GC	3+GC
¹³ C/ ¹² C (δ ¹³ C) analysis only of 4 to 8 gas components	16+GC	8+GC	4+GC
Gas Isotope Analysis – Compound Specific, GC-C-IRMS (GC analysis required)			
¹³ C/ ¹² C (δ ¹³ C) analysis of 1 to 3 gas components	2+GC	n/a	1+GC
¹³ C/ ¹² C (δ ¹³ C) analysis of 4 to 8 gas components	4+GC	n/a	2+GC
¹³ C/ ¹² C (δ ¹³ C) analysis of gas components with cryogenic enrichment**	+2	n/a	+1
² H/ ¹ H (δD) analysis of 1 to 3 gas components	2+GC	n/a	1+GC
¹⁵ N/ ¹⁴ N (δ ¹⁵ N) analysis of nitrogen in gas sample	5+GC	3+GC	2+GC
³⁴ S/ ³² S (δ ³⁴ S) analysis of hydrogen sulfide (H ₂ S)	10+GC	3+GC	2+GC
Radiocarbon and Tritium Analysis of Gases (GC and δ¹³C analyses required)			
¹⁴ C analysis of gas component by AMS	25+GC	15+GC	CALL
¹⁴ C and ³ H analysis of methane by beta spectrometry	20+GC	10+GC	CALL
Stable Isotopes of Water			
¹³ C/ ¹² C (δ ¹³ C) analysis of DIC in water	15	10	5
² H/ ¹ H (δD) and ¹⁸ O/ ¹⁶ O (δ ¹⁸ O) analysis of water	10	n/a	3
¹⁵ N/ ¹⁴ N (δ ¹⁵ N) and ¹⁸ O/ ¹⁶ O (δ ¹⁸ O) analysis of dissolved nitrate	15	10	5
³⁴ S/ ³² S (δ ³⁴ S) analysis of dissolved sulfate	15	10	5
³⁴ S/ ³² S (δ ³⁴ S) and ¹⁸ O/ ¹⁶ O (δ ¹⁸ O) analysis of dissolved sulfate	15	10	5
Tritium Analysis of Water			
³ H analysis of water by direct counting (beta spectrometry)	15	8	CALL
³ H analysis of water with electrolytic enrichment	30	15	10
Radiocarbon Analysis of Water			
¹⁴ C analysis of DIC in water by AMS	30	15	n/a
Isotopic Analyses of Organic Solids & Liquids by EA-IRMS (Samples must be provided ready to analyze)			
¹³ C/ ¹² C (δ ¹³ C) analysis only	10	5	3
¹³ C/ ¹² C (δ ¹³ C) and ¹⁵ N/ ¹⁴ N (δ ¹⁵ N) analysis	18	8	4
³⁴ S/ ³² S (δ ³⁴ S) analysis	10	5	CALL
¹⁸ O/ ¹⁶ O (δ ¹⁸ O) analysis by TCEA-IRMS	10	5	CALL
² H/ ¹ H (δD) analysis by TCEA-IRMS	10	5	CALL
Carbonates by Acid Digestion and CF-IRMS			
¹³ C/ ¹² C (δ ¹³ C) analysis only	10	5	3
¹³ C/ ¹² C (δ ¹³ C) and ¹⁸ O/ ¹⁶ O (δ ¹⁸ O) analysis	10	5	3

* RUSH turnarounds require advance approval and number of samples is limited. Call for specifics.

** Times are in addition to those required for other analyses.