

Individual Analysis Price Summary

Effective April 16, 2009

	Standard	Priority	Rush	
Gas Chromatographic Analysis (GC) – N ₂ , CO ₂ , O ₂ , Ar, H ₂ , H ₂ S, He, CH ₄ , C ₂ H ₆ , C ₃ H ₈ , iC ₄ H ₁₀ , iC ₅ H ₁₂ , nC ₅ H ₁₂ , and C ₆ +				
Complete compositional analysis of gas samples	\$120	\$180	\$240	per sample
Hydrocarbons & major fixed gases only (N ₂ , CO ₂ , O ₂ +Ar)	\$66	n/a	\$132	per sample
Extraction and quantification of dissolved gases CH ₄ , C ₂ H ₆ , & C ₂ H ₄	\$200	\$300	\$400	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	\$210	\$315	\$420	per component
¹³ C/ ¹² C (δ ¹³ C) analysis only of gas components	\$120	\$180	\$240	per component
Gas Isotope Analysis – Compound Specific, GC-C-IRMS (GC analysis required)				
¹³ C/ ¹² C (δ ¹³ C) analysis of gas components	\$66	n/a	\$132	per component
¹³ C/ ¹² C (δ ¹³ C) analysis of gas components with cryogenic enrichment	\$110	n/a	\$220	per component
² H/ ¹ H (δD) analysis of gas components by GC-P-IRMS	\$74	n/a	\$148	per component
¹⁵ N/ ¹⁴ N (δ ¹⁵ N) analysis of nitrogen in gas sample	\$110	n/a	\$220	per sample
³⁴ S/ ³² S (δ ³⁴ S) analysis of hydrogen sulfide (H ₂ S)	\$120	n/a	n/a	per sample
Radiocarbon and Tritium Analysis of Gases (GC and δ¹³C analyses required)				
¹⁴ C analysis of gas component by AMS	\$670	\$1,050	n/a	per component
¹⁴ C and ³ H analysis of methane by beta spectrometry	\$770	\$1,155	CALL	per sample
Stable Isotopes of Water				
¹³ C/ ¹² C (δ ¹³ C) analysis of DIC in water	\$56	\$84	\$112	per sample
² H/ ¹ H (δD) and ¹⁸ O/ ¹⁶ O (δ ¹⁸ O) analysis of water	\$20	n/a	\$40	per sample
¹⁵ N/ ¹⁴ N (δ ¹⁵ N) analysis of dissolved nitrate	\$200	\$300	CALL	per sample
¹⁵ N/ ¹⁴ N (δ ¹⁵ N) and ¹⁸ O/ ¹⁶ O (δ ¹⁸ O) analysis of dissolved nitrate	\$300	\$450	CALL	per sample
³⁴ S/ ³² S (δ ³⁴ S) analysis of dissolved sulfate	\$200	\$300	CALL	per sample
³⁴ S/ ³² S (δ ³⁴ S) and ¹⁸ O/ ¹⁶ O (δ ¹⁸ O) analysis of dissolved sulfate	\$300	\$450	CALL	per sample
Tritium Analysis of Water				
³ H analysis of water by direct counting (beta spectrometry)	\$150	\$225	\$300	per sample
³ H analysis of water with electrolytic enrichment	\$300	\$450	\$600	per sample
³ H analysis of water with double enrichment, ultra low level	\$450	\$675	\$900	per sample
Radiocarbon Analysis of Water				
¹⁴ C analysis of DIC in water by AMS	\$670	\$1,050	n/a	per sample
Isotopic Analysis of Organic Solids & Liquids by EA-IRMS				
¹³ C/ ¹² C (δ ¹³ C) analysis only	\$46	\$69	\$92	per sample
¹⁵ N/ ¹⁴ N (δ ¹⁵ N) analysis only	\$46	\$69	\$92	per sample
¹³ C/ ¹² C (δ ¹³ C) and ¹⁵ N/ ¹⁴ N (δ ¹⁵ N) analysis	\$80	\$120	\$160	per sample
³⁴ S/ ³² S (δ ³⁴ S) analysis	\$46	\$69	\$92	per sample
¹⁸ O/ ¹⁶ O (δ ¹⁸ O) analysis by TCEA-IRMS	\$70	\$105	CALL	per sample
² H/ ¹ H (δD) analysis by TCEA-IRMS	\$70	\$105	CALL	per sample

Some restrictions may apply. Prices for other analyses and services available upon request.

Individual Analysis Price Summary (continued)

Effective January 1, 2009

	Standard	Priority	Rush	
Carbonates by Acid Digestion and CF-IRMS				
¹³ C/ ¹² C (δ ¹³ C) analysis only	\$46	\$69	\$92	per sample
¹³ C/ ¹² C (δ ¹³ C) and ¹⁸ O/ ¹⁶ O (δ ¹⁸ O) analysis	\$50	\$75	\$100	per sample
Other Services				
Gas sample archiving, 10 years, 1 cylinder per sample	\$125	n/a	n/a	per sample
Gas sample archiving, 10 years, 2 cylinders per sample	\$175	n/a	n/a	per sample
Gas sample archiving, 10 year extension	\$50	n/a	n/a	per sample

Some restrictions may apply. Prices for other analyses and services available upon request.

Individual Analysis Turnaround Times

(Business Days)

Effective April 16, 2009

	Standard	Priority	Rush*
Gas Chromatographic Analysis (GC) – N₂, CO₂, O₂, Ar, H₂, H₂S, He, CH₄, C₂H₆, C₃H₈, iC₄H₁₀, 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 gases CH ₄ , C ₂ H ₆ , & C ₂ H ₄	15	10	5
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	n/a	2+GC
³⁴ S/ ³² S (δ ³⁴ S) analysis of hydrogen sulfide (H ₂ S)	10+GC	n/a	n/a
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) analysis of dissolved nitrate	15	10	CALL
¹⁵ N/ ¹⁴ N (δ ¹⁵ N) and ¹⁸ O/ ¹⁶ O (δ ¹⁸ O) analysis of dissolved nitrate	15	10	CALL
³⁴ S/ ³² S (δ ³⁴ S) analysis of dissolved sulfate	15	10	CALL
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
³ H analysis of water with double enrichment, ultra low level	40	30	20
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			
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	15	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.