

EcoCore rates from 07/01/2015 - 06/30/2016

	Conditions	CSU		Non-profit		Commercial
		Client operator (training required) ²	EcoCore operator	Client operator (training required) ²	EcoCore operator	EcoCore operator
Elemental Analysis (\$/sample)						
C and N - Solid	<20 Samples	5.05	11.10	6.58	14.51	21.76
	20-999 Samples	5.05	8.15	6.58	10.64	15.97
	1000-1999 Samples	4.85	7.90	6.30	10.30	15.46
	≥2000 Samples	4.55	7.50	5.97	9.83	14.74
	Difficult Samples ¹	1.05	\$1.30	+ \$1.36	+ \$1.80	2.70
Inorganic C - Solid		included in lab use fee (\$4.45/h)	Inquire	included in lab use fee (5.83/h)	Inquire	Inquire
Total or dissolved C and N - Liquid	< 20 Samples	4.90	10.90	9.12	14.73	22.10
	≥ 20 Samples	4.90	8.80	9.12	11.93	17.89
	Difficult Samples ¹	+ \$1.05	+ \$2.10	+ \$2.71	+ \$2.71	+ \$4.09
Dissolved inorganic C - Liquid	< 20 Samples	4.90	11.30	9.12	14.73	22.10
	≥ 20 Samples	4.90	9.10	9.12	11.93	17.89
	Difficult Samples ¹	1.05	+ \$2.10	+ \$2.71	+ \$2.71	+ \$4.09
Nutrient Analysis (\$/sample)						
Inorganic N or P - Liquid	< 20 Samples	4.15	7.00	5.42	9.15	13.73
	≥ 20 Samples	2.80	3.95	3.66	5.15	7.73
	Difficult Samples ¹	1.05	1.05	1.36	1.36	2.07
Stable Isotope Analysis (\$/sample)						
¹³ C or ¹⁵ N - solids	< 999 Samples	8.35	9.50	10.91	12.41	18.61
	1000-2999 Samples	7.20	8.35	9.42	10.91	16.37
	3000-4999 Samples	6.10	7.20	8.00	9.42	14.13
	≥ 5000 Samples	5.00	6.15	6.58	8.00	12.00
	Difficult Samples ¹	1.05	1.05	1.36	1.36	2.03
	Weighing & Encapsulation ⁴	-	+ \$2.15	-	+ \$2.81	+ \$4.21
¹³ C - CO ₂	CO ₂ conc >2000 ppm	8.35	11.10	10.91	14.51	21.76
¹³ C - CO ₂ (<2000 ppm)	CO ₂ conc <2000 ppm	9.75	15.55	12.74	20.34	30.51
¹⁸ O - water		9.75	10.80	12.74	14.10	21.15
Compound-specific ¹³ C	Fatty acid methyl esters	49.70	71.80	65.08	94.03	141.04
	Other ³	inquire	inquire	inquire	inquire	inquire

Molecular Analysis (\$/run, plate read or sample)						
PCR	\$/run	6.70	-	8.75	-	-
Q-PCR	\$/run	26.55	-	34.78	-	-
Plate Reader	\$/plate read	3.35	-	4.41	-	-
HPLC	\$/sample	4.45	5.55	5.83	7.25	10.88
Additional Fees / Miscellaneous (\$/h, day, sample)						
Lab Use Fee	\$/h	4.45	-	5.83	-	-
Training & Consulting ²	\$/h	42.85	-	56.13	-	-
Freeze-drying	\$/day	16.55	-	21.69	-	-
Method Development	\$/h	42.85		56.13		84.20

¹ Difficult samples require an additional charge:

CHN	Low concentration (< ?%C,N) samples; salts; liquid samples
TOC	Any sample matrix other than water
ALPKEM	Any sample matrix other than 2M KCl or water; any sample not near neutral pH; colored samples; dirty samples
COSTECH	Salts; glass or quartz filters; highly enriched samples (> 2 atom%)
FREEZEDRY	Any solvent/matrix other than water

These are estimated additional costs based on common difficult samples. We reserve the right to charge additional fees upon further information.

Please contact lab management.

² Training and consulting fees are charged by the hour (@ \$42.85/h) for instrument, method, and lab use training sessions.

Training on instruments needs to be re-taken if operator has not run the instrument for over 6 months.

³ Stable isotope analyses of other compounds are under development. EcoCore also welcomes experienced GC-c-IRMS users to use our facility to analyze samples with established methods. Rates can be negotiated for these types of analyses. For more information, please contact us.

⁴ Solid samples should be sent to EcoCore weighed and encapsulated.

We occasionally weigh and encapsulate samples for outside clients for an additional charge.

⁵ A yearly plate reader subscription of \$375 is available to internal users, provided all sample prep is done at EcoCore.

This cost does not cover the cost of training.

Other notes:

Client vs. EcoCore operator: for most automated analyses, a \$1.00/sample surcharge is included when samples are sent to and analyzed by EcoCore, to cover for time investment by laboratory technicians. For analyses requiring manual injection (¹³C in CO₂ analysis), a higher surcharge is included.

For GC-c-IRMS analyses of FAMEs, we charge an additional \$21.00/sample (on campus) and \$26/sample (off-campus) due to the complexity of the analysis and data processing.

If instruments are run by the client, training is required, which will be charged by the hour (@ \$42.85/h) for instrument, method, and lab use training sessions.

Training on instruments needs to be re-taken if operator has not run the instrument for over 6 months.

A discount applies for **large numbers of samples**. The lower rate will be applied to those samples run after having reached the cut-off number of samples during a Colorado State University fiscal year (July 1 – June 30).