

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Seely		Date Received:		
Client Sample ID:	GSB5MS		SDG No.:	Q2125	
Lab Sample ID:	Q2125-05MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
05/28/25 08:00	05/28/25 19:09	PB168182

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	242	E	1	1.04	4.59	mg/kg	FC069038.D
Total EPH	Total EPH	242			1.04	4.59	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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Prep Method :		Test:	EPH_F2

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069038.D	1	05/28/25	05/28/25	PB168182

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	242	E	1.04	4.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	28.3		1.35	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.2		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.6		40 - 140	61%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2125-05MS	Acq On:	28 May 2025 19:09
Client Sample ID:	Q2125-05MS	Operator:	YP/AJ
Data file:	FC069038.D	Misc:	
Instrument:	FID_C	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.339	6.638	33405567	315.989	300	ug/ml
Aliphatic C12-C16	6.639	10.038	134755448	1320	200	ug/ml
Aliphatic C16-C21	10.039	13.404	112873615	1150	300	ug/ml
Aliphatic C21-C28	13.405	17.066	34445368	367.206	400	ug/ml
Aliphatic C28-C40	17.067	22.060	34909931	369.656	600	ug/ml
Aliphatic EPH	3.339	22.060	350389929	3530		ug/ml
ortho-Terphenyl (SURR)	11.709	11.709	3773295	30.59		ug/ml
1-chlorooctadecane (SURR)	13.140	13.140	2799762	31.21		ug/ml
Aliphatic C9-C28	3.339	17.066	315479998	3160	1200	ug/ml