

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	PB167974BL	SDG No.:	Q1987
Lab Sample ID:	PB167974BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/13/25 09:35	05/13/25 14:31	PB167974

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FC068848.D
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FC068848.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg	
Total EPH	Total EPH	2.09	U		2.09	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 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 :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068848.D	1	05/13/25	05/13/25	PB167974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.0		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.4		40 - 140	79%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167974BL	Acq On:	13 May 2025 14:31
Client Sample ID:	PB167974BL	Operator:	YP/AJ
Data file:	FC068848.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.341	6.641	0	0	300	ug/ml
Aliphatic C12-C16	6.642	10.040	0	0	200	ug/ml
Aliphatic C16-C21	10.041	13.406	0	0	300	ug/ml
Aliphatic C21-C28	13.407	17.068	0	0	400	ug/ml
Aliphatic C28-C40	17.069	22.062	0	0	600	ug/ml
Aliphatic EPH	3.341	22.062	0	0		ug/ml
ortho-Terphenyl (SURR)	11.709	11.709	4495541	39.39		ug/ml
1-chlorooctadecane (SURR)	13.142	13.142	3453231	43.04		ug/ml
Aliphatic C9-C28	3.341	17.068	0	0	1200	ug/ml