

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Diamond	Date Received:	
Client Sample ID:	PB170764BL	SDG No.:	Q3740
Lab Sample ID:	PB170764BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	12/01/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FE057098.D	12/01/25 15:38	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	FE057098.D	12/01/25 15:38	PB170764
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	6.00	mg/kg			
Total EPH	Total EPH	2.09	U		2.09	6.00	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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		Test:	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	0.000	U	1	0.91	4.00	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	25.6			40 - 140	51%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	30.6			40 - 140	61%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170764BL	Acq On:	01 Dec 2025 15:38
Client Sample ID:	PB170764BL	Operator:	YP\AJ
Data file:	FE057098.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	0	0	300	ug/ml
Aliphatic C12-C16	6.826	10.270	0	0	200	ug/ml
Aliphatic C16-C21	10.271	13.644	0	0	300	ug/ml
Aliphatic C21-C28	13.645	17.313	0	0	400	ug/ml
Aliphatic C28-C40	17.314	22.242	0	0	600	ug/ml
Aliphatic EPH	3.201	22.242	0	0		ug/ml
ortho-Terphenyl (SURR)	11.940	11.940	6722927	30.64		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	4254082	25.56		ug/ml
Aliphatic C9-C28	3.201	17.313	0	0	1200	ug/ml