

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Diamond	Date Received:	
Client Sample ID:	PB170764BS	SDG No.:	Q3740
Lab Sample ID:	PB170764BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 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	21.0		1	1.18	2.00	mg/kg	FE057099.D	12/01/25 16:08	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	65.3		1	0.91	3.99	mg/kg	FE057099.D	12/01/25 16:08	PB170764
Total AliphaticEPH	Total AliphaticEPH	86.3			2.09	5.99	mg/kg			
Total EPH	Total EPH	86.3			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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		Test:	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	65.3	1		0.91	3.99	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	21.0	1		1.18	2.00	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	27.3			40 - 140	55%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	30.4			40 - 140	61%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170764BS	Acq On:	01 Dec 2025 16:08
Client Sample ID:	PB170764BS	Operator:	YP\AJ
Data file:	FE057099.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	33915509	169.023	300	ug/ml
Aliphatic C12-C16	6.826	10.270	45808536	225.461	200	ug/ml
Aliphatic C16-C21	10.271	13.644	51305267	258.705	300	ug/ml
Aliphatic C21-C28	13.645	17.313	65174163	327.925	400	ug/ml
Aliphatic C28-C40	17.314	22.242	63029390	315.305	600	ug/ml
Aliphatic EPH	3.201	22.242	259232865	1300		ug/ml
ortho-Terphenyl (SURR)	11.941	11.941	6667052	30.38		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	4542216	27.29		ug/ml
Aliphatic C9-C28	3.201	17.313	196203475	981.114	1200	ug/ml