

Report of Analysis

Client:	G Environmental	Date Collected:	11/26/25
Project:	Diamond	Date Received:	11/26/25
Client Sample ID:	WC1	SDG No.:	Q3740
Lab Sample ID:	Q3740-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90
Sample Wt/Vol:	30.05 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	30.9		1	1.31	2.22	mg/kg	FE057113.D	12/01/25 23:09	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	12.5		1	1.01	4.44	mg/kg	FE057113.D	12/01/25 23:09	PB170764
Total AliphaticEPH	Total AliphaticEPH	43.4			2.32	6.66	mg/kg			
Total EPH	Total EPH	43.4			2.32	6.66	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	12.5	1		1.01	4.44	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	30.9	1		1.31	2.22	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.0			40 - 140	48%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	26.0			40 - 140	52%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3740-01	Acq On:	01 Dec 2025 23:09
Client Sample ID:	WC1	Operator:	YP\AJ
Data file:	FE057113.D	Misc:	
Instrument:	FID_E	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	524039	2.612	300	ug/ml
Aliphatic C12-C16	6.826	10.270	1481838	7.293	200	ug/ml
Aliphatic C16-C21	10.271	13.644	16305161	82.218	300	ug/ml
Aliphatic C21-C28	13.645	17.313	15203089	76.495	400	ug/ml
Aliphatic C28-C40	17.314	22.242	83403139	417.225	600	ug/ml
Aliphatic EPH	3.201	22.242	116917266	585.842		ug/ml
ortho-Terphenyl (SURR)	11.942	11.942	5702659	25.99		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	4000845	24.04		ug/ml
Aliphatic C9-C28	3.201	17.313	33514127	168.618	1200	ug/ml