

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	PB168738BS	SDG No.:	Q2503
Lab Sample ID:	PB168738BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/07/25 09:30	07/08/25 10:54	PB168738

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	20.1		1	1.18	2.00	mg/kg FG016239.D
Aliphatic C9-C28	Aliphatic C9-C28	54.0		1	0.91	3.99	mg/kg FG016239.D
Total AliphaticEPH	Total AliphaticEPH	74.1			2.09	5.99	mg/kg
Total EPH	Total EPH	74.1			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
FG016239.D	1	07/07/25	07/08/25	PB168738

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	54.0		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.1		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	26.4		40 - 140	53%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.6		40 - 140	51%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168738BS	Acq On:	08 Jul 2025 10:54
Client Sample ID:	PB168738BS	Operator:	YP\AJ
Data file:	FG016239.D	Misc:	
Instrument:	FID_G	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.954	15063717	137.778	300	ug/ml
Aliphatic C12-C16	6.955	10.414	21381869	191.209	200	ug/ml
Aliphatic C16-C21	10.415	13.806	25249298	220.557	300	ug/ml
Aliphatic C21-C28	13.807	17.493	29968814	261.988	400	ug/ml
Aliphatic C28-C40	17.494	22.553	27695766	301.055	600	ug/ml
Aliphatic EPH	3.312	22.553	119359464	1110		ug/ml
ortho-Terphenyl (SURR)	12.096	12.096	3298568	25.57		ug/ml
1-chlorooctadecane (SURR)	13.542	13.542	2659381	26.39		ug/ml
Aliphatic C9-C28	3.312	17.493	91663698	811.532	1200	ug/ml