

Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2	SDG No.:	Q2503
Lab Sample ID:	Q2503-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	71.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Final Vol:	2000
		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
07/07/25 09:30	07/07/25 21:05	PB168738

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	16.3		1	1.65	2.80	mg/kg FE054715.D
Aliphatic C9-C28	Aliphatic C9-C28	6.34		1	1.27	5.60	mg/kg FE054715.D
Total AliphaticEPH	Total AliphaticEPH	22.6			2.92	8.40	mg/kg
Total EPH	Total EPH	22.6			2.92	8.40	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054715.D	1	07/07/25	07/07/25	PB168738

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.34		1.27	5.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	16.3		1.65	2.80	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.8		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	43.4		40 - 140	87%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2503-03	Acq On:	07 Jul 2025 21:05
Client Sample ID:	GCAP2	Operator:	YP\AJ
Data file:	FE054715.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.322	6.953	2479247	18.222	300	ug/ml
Aliphatic C12-C16	6.954	10.404	1601415	11.392	200	ug/ml
Aliphatic C16-C21	10.405	13.782	2306899	15.976	300	ug/ml
Aliphatic C21-C28	13.783	17.452	3232555	22.347	400	ug/ml
Aliphatic C28-C40	17.453	22.469	24254059	174.933	600	ug/ml
Aliphatic EPH	3.322	22.469	33874175	242.872		ug/ml
ortho-Terphenyl (SURR)	12.083	12.083	7042756	43.37		ug/ml
1-chlorooctadecane (SURR)	13.518	13.518	5403219	42.78		ug/ml
Aliphatic C9-C28	3.322	17.452	9620116	67.937	1200	ug/ml