284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	07/02/25
Project:	Capra			Date Received:	07/03/25
Client Sample ID:	GCAP3			SDG No.:	Q2503
Lab Sample ID:	Q2503-04			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	65.6
Sample Wt/Vol:	30.08	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	07/07/25 21:36	PB168738

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	25.6		1	1.79	3.04	mg/kg	FE054716.D
Aliphatic C9-C28	Aliphatic C9-C28	24.1		1	1.38	6.08	mg/kg	FE054716.D
Total AliphaticEPH	Total AliphaticEPH	49.7			3.17	9.12	mg/kg	
Total EPH	Total EPH	49.7			3.17	9.12	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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Lab Sample ID:	Q2503-04			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	65.6
Sample Wt/Vol:	30.08	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	07/07/25 21:36	PB168738

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Total EPH	Total EPH	49.7			3.17	9.12	mg/kg	

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Report of Analysis

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Project:	Capra		Date Received:	07/03/25	
Client Sample ID:	GCAP3		SDG No.:	Q2503	
Lab Sample ID:	Q2503-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	65.6	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054716.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	24.1		1.38	6.08	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	25.6		1.79	3.04	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.7		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.8		40 - 140	70%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2503-04	Acq On:	07 Jul 2025 21:36
Client Sample ID:	GCAP3	Operator:	YP\AJ
Data file:	FE054716.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.322	6.953	8911393	65.498	300	ug/ml
Aliphatic C12-C16	6.954	10.404	3836958	27.296	200	ug/ml
Aliphatic C16-C21	10.405	13.782	9989248	69.181	300	ug/ml
Aliphatic C21-C28	13.783	17.452	10899386	75.349	400	ug/ml
Aliphatic C28-C40	17.453	22.469	34950655	252.083	600	ug/ml
Aliphatic EPH	3.322	22.469	68587640	489.407		ug/ml
ortho-Terphenyl (SURR)	12.082	12.082	5655103	34.82		ug/ml
1-chlorooctadecane (SURR)	13.518	13.518	4508826	35.7		ug/ml
Aliphatic C9-C28	3.322	17.452	33636985	237.324	1200	ug/ml