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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Capra			Date Received:	
Client Sample ID:	WC1MS			SDG No.:	Q2743
Lab Sample ID:	Q2743-01MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	78.3
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 08:00	08/12/25 15:46	PB169209

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.20		1	0.18	1.28	mg/kg	FC069640.D
Aliphatic C12-C16	Aliphatic C12-C16	5.70		1	0.14	0.85	mg/kg	FC069640.D
Aliphatic C16-C21	Aliphatic C16-C21	8.84		1	0.17	1.28	mg/kg	FC069640.D
Aliphatic C21-C28	Aliphatic C21-C28	10.1		1	0.68	1.70	mg/kg	FC069640.D
Aliphatic C28-C40	Aliphatic C28-C40	18.7		1	1.51	2.55	mg/kg	FC069640.D
Aromatic C10-C12	Aromatic C10-C12	6.46		1	0.15	0.85	mg/kg	FD049621.D
Aromatic C12-C16	Aromatic C12-C16	10.2		1	0.29	1.28	mg/kg	FD049621.D
Aromatic C16-C21	Aromatic C16-C21	23.1		1	0.51	2.13	mg/kg	FD049621.D
Aromatic C21-C36	Aromatic C21-C36	36.0		1	1.52	3.40	mg/kg	FD049621.D
Total AliphaticEPH	Total AliphaticEPH	49.5			2.67	7.66	mg/kg	
Total AromaticEPH	Total AromaticEPH	75.8			2.48	7.66	mg/kg	
Total EPH	Total EPH	125			5.15	15.3	mg/kg	

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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Project:	Capra		Date Received:		
Client Sample ID:	WC1MS		SDG No.:	Q2743	
Lab Sample ID:	Q2743-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.3	
Sample Wt/Vol:	30.03 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069640.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.20		0.18	1.28	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.70		0.14	0.85	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.84		0.17	1.28	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	10.1		0.68	1.70	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	18.7		1.51	2.55	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.3		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2743-01MS	Acq On:	12 Aug 2025 15:46
Client Sample ID:	Q2743-01MS	Operator:	YP/AJ
Data file:	FC069640.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	10548228	72.908	300	ug/ml
Aliphatic C12-C16	6.595	9.998	9615400	67.037	200	ug/ml
Aliphatic C16-C21	9.999	13.367	13881751	103.935	300	ug/ml
Aliphatic C21-C28	13.368	17.032	14075898	118.977	400	ug/ml
Aliphatic C28-C40	17.033	22.008	20976020	220.07	600	ug/ml
Aliphatic EPH	3.296	22.008	69097297	582.927		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.101	13.101	3412448	31.3		ug/ml
Aliphatic C9-C28	3.296	17.032	48121277	362.857	1200	ug/ml