

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	WC-1MS	SDG No.:	Q2503
Lab Sample ID:	Q2515-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.5
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
07/07/25 09:30	07/07/25 17:31	PB168738

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	49.4	E	1	1.35	2.28	mg/kg	FG016232.D
Aliphatic C9-C28	Aliphatic C9-C28	108	E	1	1.04	4.56	mg/kg	FG016232.D

* 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

Report of Analysis

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Project:	Capra	Date Received:	
Client Sample ID:	WC-1MS	SDG No.:	Q2503
Lab Sample ID:	Q2515-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.5
Sample Wt/Vol:	30.05 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 17:31	PB168738

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	49.4	E	1	1.35	2.28	mg/kg	FG016232.D
Aliphatic C9-C28	Aliphatic C9-C28	108	E	1	1.04	4.56	mg/kg	FG016232.D
Total AliphaticEPH	Total AliphaticEPH	157			2.39	6.84	mg/kg	
Total EPH	Total EPH	157			2.39	6.84	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.

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Project:	Capra	Date Received:	
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Lab Sample ID:	Q2515-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.5
Sample Wt/Vol:	30.05 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
FG016232.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	108	E	1.04	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	49.4	E	1.35	2.28	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.8		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.6		40 - 140	69%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2515-01MS	Acq On:	07 Jul 2025 17:31
Client Sample ID:	Q2515-01MS	Operator:	YP\AJ
Data file:	FG016232.D	Misc:	
Instrument:	FID_G	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.313	6.958	24489954	223.993	300	ug/ml
Aliphatic C12-C16	6.959	10.419	34348294	307.162	200	ug/ml
Aliphatic C16-C21	10.420	13.811	48224428	421.249	300	ug/ml
Aliphatic C21-C28	13.812	17.498	52987317	463.216	400	ug/ml
Aliphatic C28-C40	17.499	22.561	59796243	649.989	600	ug/ml
Aliphatic EPH	3.313	22.561	219846236	2070		ug/ml
ortho-Terphenyl (SURR)	12.098	12.098	4471160	34.65		ug/ml
1-chlorooctadecane (SURR)	13.543	13.543	3810382	37.81		ug/ml
Aliphatic C9-C28	3.313	17.498	160049993	1420	1200	ug/ml