

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Capra		Date Received:	
Client Sample ID:	PB169209BS		SDG No.:	Q2743
Lab Sample ID:	PB169209BS		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH
Prep Method :				

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 12:34	PB169209

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.96		1	0.14	1.00	mg/kg FC069636.D
Aliphatic C12-C16	Aliphatic C12-C16	5.49		1	0.11	0.67	mg/kg FC069636.D
Aliphatic C16-C21	Aliphatic C16-C21	9.28		1	0.13	1.00	mg/kg FC069636.D
Aliphatic C21-C28	Aliphatic C21-C28	12.8		1	0.53	1.33	mg/kg FC069636.D
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1	1.18	2.00	mg/kg FC069636.D
Aromatic C10-C12	Aromatic C10-C12	5.29		1	0.12	0.67	mg/kg FD049617.D
Aromatic C12-C16	Aromatic C12-C16	9.01		1	0.23	1.00	mg/kg FD049617.D
Aromatic C16-C21	Aromatic C16-C21	16.6		1	0.40	1.67	mg/kg FD049617.D
Aromatic C21-C36	Aromatic C21-C36	27.4		1	1.19	2.67	mg/kg FD049617.D
Total AliphaticEPH	Total AliphaticEPH	54.5			2.09	6.00	mg/kg
Total AromaticEPH	Total AromaticEPH	58.3			1.94	6.01	mg/kg
Total EPH	Total EPH	113			4.03	12.0	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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BS		SDG No.:	Q2743	
Lab Sample ID:	PB169209BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 12:34	PB169209

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.96		1	0.14	1.00	mg/kg	FC069636.D
Aliphatic C12-C16	Aliphatic C12-C16	5.49		1	0.11	0.67	mg/kg	FC069636.D
Aliphatic C16-C21	Aliphatic C16-C21	9.28		1	0.13	1.00	mg/kg	FC069636.D
Aliphatic C21-C28	Aliphatic C21-C28	12.8		1	0.53	1.33	mg/kg	FC069636.D
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1	1.18	2.00	mg/kg	FC069636.D
Aromatic C10-C12	Aromatic C10-C12	5.29		1	0.12	0.67	mg/kg	FD049617.D
Aromatic C12-C16	Aromatic C12-C16	9.01		1	0.23	1.00	mg/kg	FD049617.D
Aromatic C16-C21	Aromatic C16-C21	16.6		1	0.40	1.67	mg/kg	FD049617.D
Aromatic C21-C36	Aromatic C21-C36	27.4		1	1.19	2.67	mg/kg	FD049617.D
Total AliphaticEPH	Total AliphaticEPH	54.5			2.09	6.00	mg/kg	
Total AromaticEPH	Total AromaticEPH	58.3			1.94	6.01	mg/kg	
Total EPH	Total EPH	113			4.03	12.0	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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BS		SDG No.:	Q2743	
Lab Sample ID:	PB169209BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 12:34	PB169209

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.96		1	0.14	1.00	mg/kg FC069636.D
Aliphatic C12-C16	Aliphatic C12-C16	5.49		1	0.11	0.67	mg/kg FC069636.D
Aliphatic C16-C21	Aliphatic C16-C21	9.28		1	0.13	1.00	mg/kg FC069636.D
Aliphatic C21-C28	Aliphatic C21-C28	12.8		1	0.53	1.33	mg/kg FC069636.D
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1	1.18	2.00	mg/kg FC069636.D
Aromatic C10-C12	Aromatic C10-C12	5.29		1	0.12	0.67	mg/kg FD049617.D
Aromatic C12-C16	Aromatic C12-C16	9.01		1	0.23	1.00	mg/kg FD049617.D
Aromatic C16-C21	Aromatic C16-C21	16.6		1	0.40	1.67	mg/kg FD049617.D
Aromatic C21-C36	Aromatic C21-C36	27.4		1	1.19	2.67	mg/kg FD049617.D
Total AliphaticEPH	Total AliphaticEPH	54.5			2.09	6.00	mg/kg
Total AromaticEPH	Total AromaticEPH	58.3			1.94	6.01	mg/kg
Total EPH	Total EPH	113			4.03	12.0	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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BS		SDG No.:	Q2743	
Lab Sample ID:	PB169209BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 12:34	PB169209

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.96		1	0.14	1.00	mg/kg	FC069636.D
Aliphatic C12-C16	Aliphatic C12-C16	5.49		1	0.11	0.67	mg/kg	FC069636.D
Aliphatic C16-C21	Aliphatic C16-C21	9.28		1	0.13	1.00	mg/kg	FC069636.D
Aliphatic C21-C28	Aliphatic C21-C28	12.8		1	0.53	1.33	mg/kg	FC069636.D
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1	1.18	2.00	mg/kg	FC069636.D
Aromatic C10-C12	Aromatic C10-C12	5.29		1	0.12	0.67	mg/kg	FD049617.D
Aromatic C12-C16	Aromatic C12-C16	9.01		1	0.23	1.00	mg/kg	FD049617.D
Aromatic C16-C21	Aromatic C16-C21	16.6		1	0.40	1.67	mg/kg	FD049617.D
Aromatic C21-C36	Aromatic C21-C36	27.4		1	1.19	2.67	mg/kg	FD049617.D
Total AliphaticEPH	Total AliphaticEPH	54.5			2.09	6.00	mg/kg	
Total AromaticEPH	Total AromaticEPH	58.3			1.94	6.01	mg/kg	
Total EPH	Total EPH	113			4.03	12.0	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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BS		SDG No.:	Q2743	
Lab Sample ID:	PB169209BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 12:34	PB169209

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.96		1	0.14	1.00	mg/kg FC069636.D
Aliphatic C12-C16	Aliphatic C12-C16	5.49		1	0.11	0.67	mg/kg FC069636.D
Aliphatic C16-C21	Aliphatic C16-C21	9.28		1	0.13	1.00	mg/kg FC069636.D
Aliphatic C21-C28	Aliphatic C21-C28	12.8		1	0.53	1.33	mg/kg FC069636.D
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1	1.18	2.00	mg/kg FC069636.D
Aromatic C10-C12	Aromatic C10-C12	5.29		1	0.12	0.67	mg/kg FD049617.D
Aromatic C12-C16	Aromatic C12-C16	9.01		1	0.23	1.00	mg/kg FD049617.D
Aromatic C16-C21	Aromatic C16-C21	16.6		1	0.40	1.67	mg/kg FD049617.D
Aromatic C21-C36	Aromatic C21-C36	27.4		1	1.19	2.67	mg/kg FD049617.D
Total AliphaticEPH	Total AliphaticEPH	54.5			2.09	6.00	mg/kg
Total AromaticEPH	Total AromaticEPH	58.3			1.94	6.01	mg/kg
Total EPH	Total EPH	113			4.03	12.0	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

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Capra		Date Received:	
Client Sample ID:	PB169209BS		SDG No.:	Q2743
Lab Sample ID:	PB169209BS		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH
Prep Method :				

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 12:34	PB169209

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.96		1	0.14	1.00	mg/kg FC069636.D
Aliphatic C12-C16	Aliphatic C12-C16	5.49		1	0.11	0.67	mg/kg FC069636.D
Aliphatic C16-C21	Aliphatic C16-C21	9.28		1	0.13	1.00	mg/kg FC069636.D
Aliphatic C21-C28	Aliphatic C21-C28	12.8		1	0.53	1.33	mg/kg FC069636.D
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1	1.18	2.00	mg/kg FC069636.D
Aromatic C10-C12	Aromatic C10-C12	5.29		1	0.12	0.67	mg/kg FD049617.D
Aromatic C12-C16	Aromatic C12-C16	9.01		1	0.23	1.00	mg/kg FD049617.D
Aromatic C16-C21	Aromatic C16-C21	16.6		1	0.40	1.67	mg/kg FD049617.D
Aromatic C21-C36	Aromatic C21-C36	27.4		1	1.19	2.67	mg/kg FD049617.D
Total AliphaticEPH	Total AliphaticEPH	54.5			2.09	6.00	mg/kg
Total AromaticEPH	Total AromaticEPH	58.3			1.94	6.01	mg/kg
Total EPH	Total EPH	113			4.03	12.0	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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	PB169209BS	SDG No.:	Q2743
Lab Sample ID:	PB169209BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069636.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	5.96		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.49		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.28		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.8		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.8		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169209BS	Acq On:	12 Aug 2025 12:34
Client Sample ID:	PB169209BS	Operator:	YP/AJ
Data file:	FC069636.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	12929520	89.367	300	ug/ml
Aliphatic C12-C16	6.595	9.998	11815541	82.375	200	ug/ml
Aliphatic C16-C21	9.999	13.367	18589905	139.186	300	ug/ml
Aliphatic C21-C28	13.368	17.032	22802072	192.735	400	ug/ml
Aliphatic C28-C40	17.033	22.008	30031671	315.077	600	ug/ml
Aliphatic EPH	3.296	22.008	96168709	818.741		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.103	13.103	4990692	45.78		ug/ml
Aliphatic C9-C28	3.296	17.032	66137038	503.663	1200	ug/ml