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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB169207BSD			SDG No.:	Q2826
Lab Sample ID:	PB169207BSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/12/25 08:45	08/12/25 21:53	PB169207

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	21.6		1	1.18	2.00	mg/kg	FC069646.D
Aliphatic C9-C28	Aliphatic C9-C28	54.7		1	0.91	3.99	mg/kg	FC069646.D
Total AliphaticEPH	Total AliphaticEPH	76.3			2.09	5.99	mg/kg	
Total EPH	Total EPH	76.3			2.09	5.99	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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Client Sample ID:	PB169207BSD		SDG No.:	Q2826	
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Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 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
FC069646.D	1	08/12/25	08/12/25	PB169207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	54.7		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.6		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.8		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.8		40 - 140	66%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169207BSD	Acq On:	12 Aug 2025 21:53
Client Sample ID:	PB169207BSD	Operator:	YP/AJ
Data file:	FC069646.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	20584745	142.278	300	ug/ml
Aliphatic C12-C16	6.595	9.998	27540790	192.009	200	ug/ml
Aliphatic C16-C21	9.999	13.367	28967482	216.885	300	ug/ml
Aliphatic C21-C28	13.368	17.032	31976934	270.286	400	ug/ml
Aliphatic C28-C40	17.033	22.008	30931317	324.516	600	ug/ml
Aliphatic EPH	3.296	22.008	140001268	1150		ug/ml
ortho-Terphenyl (SURR)	11.665	11.665	4892968	32.8		ug/ml
1-chlorooctadecane (SURR)	13.101	13.101	3794482	34.8		ug/ml
Aliphatic C9-C28	3.296	17.032	109069951	821.458	1200	ug/ml