

Report of Analysis

Client:	Earth Engineering Inc.		Date Collected:		
Project:	1710 N4 Ave		Date Received:		
Client Sample ID:	PB168635BS		SDG No.:	Q2431	
Lab Sample ID:	PB168635BS		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
06/27/25 08:30	06/27/25 16:07	PB168635

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	31.2		1	1.18	2.00	mg/kg	FG016156.D
Aliphatic C9-C28	Aliphatic C9-C28	76.6		1	0.91	3.99	mg/kg	FG016156.D
Total AliphaticEPH	Total AliphaticEPH	108			2.09	5.99	mg/kg	
Total EPH	Total EPH	108			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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016156.D	1	06/27/25	06/27/25	PB168635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	76.6		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	31.2		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.5		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.3		40 - 140	79%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168635BS	Acq On:	27 Jun 2025 16:07
Client Sample ID:	PB168635BS	Operator:	YP\AJ
Data file:	FG016156.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	3.316	6.955	22361920	204.529	300	ug/ml
Aliphatic C12-C16	6.956	10.413	29343114	262.403	200	ug/ml
Aliphatic C16-C21	10.414	13.802	34773677	303.754	300	ug/ml
Aliphatic C21-C28	13.803	17.485	43506253	380.332	400	ug/ml
Aliphatic C28-C40	17.486	22.536	43077790	468.258	600	ug/ml
Aliphatic EPH	3.316	22.536	173062754	1620		ug/ml
ortho-Terphenyl (SURR)	12.093	12.093	5065625	39.26		ug/ml
1-chlorooctadecane (SURR)	13.536	13.536	4077061	40.46		ug/ml
Aliphatic C9-C28	3.316	17.485	129984964	1150	1200	ug/ml