

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:		
Project:	Walsh CO-032 Sampling		Date Received:		
Client Sample ID:	PB167270BS		SDG No.:	Q1626	
Lab Sample ID:	PB167270BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
03/24/25 08:18	03/24/25 15:09	PB167270

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	38.4		1	1.18	2.00	mg/kg	FE052941.D
Aliphatic C9-C28	Aliphatic C9-C28	106	E	1	0.91	3.99	mg/kg	FE052941.D
Total AliphaticEPH	Total AliphaticEPH	144			2.09	5.99	mg/kg	
Total EPH	Total EPH	144			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
FE052941.D	1	03/24/25	03/24/25	PB167270

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	106	E	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	38.4		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.4		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.0		40 - 140	72%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167270BS	Acq On:	24 Mar 2025 15:09
Client Sample ID:	PB167270BS	Operator:	YP\AJ
Data file:	FE052941.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.147	6.791	45561016	292.154	300	ug/ml
Aliphatic C12-C16	6.792	10.244	54772363	360.111	200	ug/ml
Aliphatic C16-C21	10.245	13.623	59246836	404.283	300	ug/ml
Aliphatic C21-C28	13.624	17.297	75193453	527.852	400	ug/ml
Aliphatic C28-C40	17.298	22.225	73477336	575.89	600	ug/ml
Aliphatic EPH	3.147	22.225	308251004	2160		ug/ml
ortho-Terphenyl (SURR)	11.912	11.912	6064108	35.97		ug/ml
1-chlorooctadecane (SURR)	13.356	13.356	4545093	37.43		ug/ml
Aliphatic C9-C28	3.147	17.297	234773668	1580	1200	ug/ml