

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 872		Date Received:		
Client Sample ID:	PB164618BS		SDG No.:	P4620	
Lab Sample ID:	PB164618BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:45	11/05/24 3:35	PB164618

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.27		1	0.38	1.00	mg/kg	FC067622.D
Aliphatic C12-C16	Aliphatic C12-C16	5.13		1	0.24	0.67	mg/kg	FC067622.D
Aliphatic C16-C21	Aliphatic C16-C21	8.80		1	0.30	1.00	mg/kg	FC067622.D
Aliphatic C21-C28	Aliphatic C21-C28	12.0		1	0.80	1.33	mg/kg	FC067622.D
Aliphatic C28-C40	Aliphatic C28-C40	19.1		1	1.80	2.00	mg/kg	FC067622.D
Aromatic C10-C12	Aromatic C10-C12	3.35		1	0.30	0.67	mg/kg	FD048659.D
Aromatic C12-C16	Aromatic C12-C16	6.58		1	0.34	1.00	mg/kg	FD048659.D
Aromatic C16-C21	Aromatic C16-C21	13.2		1	0.96	1.67	mg/kg	FD048659.D
Aromatic C21-C36	Aromatic C21-C36	21.1		1	2.00	2.66	mg/kg	FD048659.D
Total AliphaticEPH	Total AliphaticEPH	50.3			3.52	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	44.2			3.60	6.00	mg/kg	
Total EPH	Total EPH	94.5			7.12	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

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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067622.D	1	11/03/24	11/05/24	PB164618

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Aliphatic C21-C28	Aliphatic C21-C28	12.0		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	19.1		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.7		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164618BS	Acq On:	05 Nov 2024 03:35
Client Sample ID:	PB164618BS	Operator:	YP/AJ
Data file:	FC067622.D	Misc:	
Instrument:	FID_C	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.449	10728120	79.192	300	ug/ml
Aliphatic C12-C16	6.450	9.838	10137001	76.981	200	ug/ml
Aliphatic C16-C21	9.839	13.196	16814416	132.152	300	ug/ml
Aliphatic C21-C28	13.197	16.847	21668378	180.434	400	ug/ml
Aliphatic C28-C40	16.848	21.685	28979002	286.656	600	ug/ml
Aliphatic EPH	3.171	21.685	88326917	755.416		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	4287468	39.7		ug/ml
Aliphatic C9-C28	3.171	16.847	59347915	468.759	1200	ug/ml