

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 872		Date Received:		
Client Sample ID:	PB164618BSD		SDG No.:	P4620	
Lab Sample ID:	PB164618BSD		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
11/03/24 08:45	11/05/24 9:04	PB164618

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.35		1	0.38	1.00	mg/kg FC067626.D
Aliphatic C12-C16	Aliphatic C12-C16	5.19		1	0.24	0.67	mg/kg FC067626.D
Aliphatic C16-C21	Aliphatic C16-C21	8.93		1	0.30	1.00	mg/kg FC067626.D
Aliphatic C21-C28	Aliphatic C21-C28	12.2		1	0.80	1.33	mg/kg FC067626.D
Aliphatic C28-C40	Aliphatic C28-C40	19.3		1	1.80	2.00	mg/kg FC067626.D
Aromatic C10-C12	Aromatic C10-C12	3.39		1	0.30	0.67	mg/kg FD048663.D
Aromatic C12-C16	Aromatic C12-C16	6.68		1	0.34	1.00	mg/kg FD048663.D
Aromatic C16-C21	Aromatic C16-C21	13.3		1	0.96	1.67	mg/kg FD048663.D
Aromatic C21-C36	Aromatic C21-C36	21.4		1	2.00	2.67	mg/kg FD048663.D
Total AliphaticEPH	Total AliphaticEPH	51.0			3.52	6.00	mg/kg
Total AromaticEPH	Total AromaticEPH	44.8			3.60	6.01	mg/kg
Total EPH	Total EPH	95.7			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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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
FC067626.D	1	11/03/24	11/05/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.35		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.19		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.93		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.2		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	19.3		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.2		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164618BSD	Acq On:	05 Nov 2024 09:04
Client Sample ID:	PB164618BSD	Operator:	YP/AJ
Data file:	FC067626.D	Misc:	
Instrument:	FID_C	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.449	10883015	80.335	300	ug/ml
Aliphatic C12-C16	6.450	9.838	10254032	77.87	200	ug/ml
Aliphatic C16-C21	9.839	13.196	17054265	134.037	300	ug/ml
Aliphatic C21-C28	13.197	16.847	21961098	182.871	400	ug/ml
Aliphatic C28-C40	16.848	21.685	29286131	289.694	600	ug/ml
Aliphatic EPH	3.171	21.685	89438541	764.808		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	4345342	40.24		ug/ml
Aliphatic C9-C28	3.171	16.847	60152410	475.113	1200	ug/ml