

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 905	Date Received:	
Client Sample ID:	PB167362BS	SDG No.:	Q1664
Lab Sample ID:	PB167362BS	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
03/28/25 08:10	03/28/25 16:59	PB167362

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	6.06		1	0.14	1.00	mg/kg FF015744.D
Aliphatic C12-C16	Aliphatic C12-C16	5.22		1	0.11	0.67	mg/kg FF015744.D
Aliphatic C16-C21	Aliphatic C16-C21	9.50		1	0.13	1.00	mg/kg FF015744.D
Aliphatic C21-C28	Aliphatic C21-C28	9.91		1	0.53	1.33	mg/kg FF015744.D
Aliphatic C28-C40	Aliphatic C28-C40	25.2		1	1.18	2.00	mg/kg FF015744.D
Aromatic C10-C12	Aromatic C10-C12	4.21		1	0.12	0.67	mg/kg FG015574.D
Aromatic C12-C16	Aromatic C12-C16	7.38		1	0.23	1.00	mg/kg FG015574.D
Aromatic C16-C21	Aromatic C16-C21	14.0		1	0.40	1.67	mg/kg FG015574.D
Aromatic C21-C36	Aromatic C21-C36	24.4		1	1.19	2.66	mg/kg FG015574.D
Total AliphaticEPH	Total AliphaticEPH	55.9			2.09	5.99	mg/kg
Total AromaticEPH	Total AromaticEPH	50.0			1.94	6.00	mg/kg
Total EPH	Total EPH	106			4.03	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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Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015744.D	1	03/28/25	03/28/25	PB167362

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.06		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.22		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.50		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.91		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	25.2		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.1		40 - 140	96%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167362BS	Acq On:	28 Mar 2025 16:59
Client Sample ID:	PB167362BS	Operator:	YP\AJ
Data file:	FF015744.D	Misc:	
Instrument:	FID_F	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.211	6.833	11680408	90.922	300	ug/ml
Aliphatic C12-C16	6.834	10.268	10307398	78.315	200	ug/ml
Aliphatic C16-C21	10.269	13.634	19319468	142.711	300	ug/ml
Aliphatic C21-C28	13.635	17.200	19684480	148.811	400	ug/ml
Aliphatic C28-C40	17.201	22.202	40895025	378.143	600	ug/ml
Aliphatic EPH	3.211	22.202	101886779	838.903		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.371	13.371	5460984	48.12		ug/ml
Aliphatic C9-C28	3.211	17.200	60991754	460.759	1200	ug/ml