

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-001-02	SDG No.:	Q1664
Lab Sample ID:	Q1664-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92
Sample Wt/Vol:	30.02 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 19:55	PB167362

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.54	J	1	0.15	1.09	mg/kg	FF015750.D
Aliphatic C12-C16	Aliphatic C12-C16	2.80		1	0.12	0.72	mg/kg	FF015750.D
Aliphatic C16-C21	Aliphatic C16-C21	1.23		1	0.14	1.09	mg/kg	FF015750.D
Aliphatic C21-C28	Aliphatic C21-C28	1.11	J	1	0.58	1.45	mg/kg	FF015750.D
Aliphatic C28-C40	Aliphatic C28-C40	2.71		1	1.28	2.17	mg/kg	FF015750.D
Aromatic C10-C12	Aromatic C10-C12	0.60	J	1	0.13	0.72	mg/kg	FG015580.D
Aromatic C12-C16	Aromatic C12-C16	0.89	J	1	0.25	1.09	mg/kg	FG015580.D
Aromatic C16-C21	Aromatic C16-C21	4.63		1	0.43	1.81	mg/kg	FG015580.D
Aromatic C21-C36	Aromatic C21-C36	1.39	J	1	1.29	2.90	mg/kg	FG015580.D
Total AliphaticEPH	Total AliphaticEPH	8.39			2.27	6.52	mg/kg	
Total AromaticEPH	Total AromaticEPH	7.51			2.10	6.52	mg/kg	
Total EPH	Total EPH	15.9			4.37	13.0	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
FF015750.D	1	03/28/25	03/28/25	PB167362

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.54	J	0.15	1.09	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.80		0.12	0.72	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	1.23		0.14	1.09	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.11	J	0.58	1.45	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.71		1.28	2.17	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.1		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-07	Acq On:	28 Mar 2025 19:55
Client Sample ID:	P001-BBDGA-001-02	Operator:	YP\AJ
Data file:	FF015750.D	Misc:	
Instrument:	FID_F	ALS Vial:	28
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.211	6.833	954005	7.426	300	ug/ml
Aliphatic C12-C16	6.834	10.268	5088258	38.66	200	ug/ml
Aliphatic C16-C21	10.269	13.634	2290918	16.923	300	ug/ml
Aliphatic C21-C28	13.635	17.200	2026782	15.322	400	ug/ml
Aliphatic C28-C40	17.201	22.202	4052122	37.469	600	ug/ml
Aliphatic EPH	3.211	22.202	14412085	115.8		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.371	13.371	3868576	34.09		ug/ml
Aliphatic C9-C28	3.211	17.200	10359963	78.331	1200	ug/ml