

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-004-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.4
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 18:02	PB167362

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.37	J	1	0.15	1.05	mg/kg	FC068435.D
Aliphatic C12-C16	Aliphatic C12-C16	0.80		1	0.12	0.70	mg/kg	FC068435.D
Aliphatic C16-C21	Aliphatic C16-C21	0.41	J	1	0.14	1.05	mg/kg	FC068435.D
Aliphatic C21-C28	Aliphatic C21-C28	0.56	U	1	0.56	1.40	mg/kg	FC068435.D
Aliphatic C28-C40	Aliphatic C28-C40	1.48	J	1	1.24	2.09	mg/kg	FC068435.D
Aromatic C10-C12	Aromatic C10-C12	0.61	J	1	0.13	0.70	mg/kg	FG015583.D
Aromatic C12-C16	Aromatic C12-C16	0.75	J	1	0.24	1.05	mg/kg	FG015583.D
Aromatic C16-C21	Aromatic C16-C21	2.45		1	0.42	1.75	mg/kg	FG015583.D
Aromatic C21-C36	Aromatic C21-C36	1.25	U	1	1.25	2.79	mg/kg	FG015583.D
Total AliphaticEPH	Total AliphaticEPH	3.05	J		2.19	6.29	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.80	J		2.04	6.29	mg/kg	
Total EPH	Total EPH	6.86	J		4.23	12.6	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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FC068435.D	1	03/28/25	03/28/25	PB167362

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SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.5		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-13	Acq On:	28 Mar 2025 18:02
Client Sample ID:	P001-BBDGA-004-01	Operator:	YP/AJ
Data file:	FC068435.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.100	6.360	860385	5.301	300	ug/ml
Aliphatic C12-C16	6.361	9.742	1922355	11.429	200	ug/ml
Aliphatic C16-C21	9.743	13.094	997770	5.818	300	ug/ml
Aliphatic C21-C28	13.095	16.746	903654	5.351	400	ug/ml
Aliphatic C28-C40	16.747	21.538	2894075	21.253	600	ug/ml
Aliphatic EPH	3.100	21.538	7578239	49.152		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.827	12.827	5296863	35.53		ug/ml
Aliphatic C9-C28	3.100	16.746	4684164	27.899	1200	ug/ml