

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-008-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-21	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94
Sample Wt/Vol:	30.04 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 20:30	PB167362

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.53	J	1	0.15	1.06	mg/kg	FC068439.D
Aliphatic C12-C16	Aliphatic C12-C16	2.19		1	0.12	0.71	mg/kg	FC068439.D
Aliphatic C16-C21	Aliphatic C16-C21	0.73	J	1	0.14	1.06	mg/kg	FC068439.D
Aliphatic C21-C28	Aliphatic C21-C28	0.56	U	1	0.56	1.42	mg/kg	FC068439.D
Aliphatic C28-C40	Aliphatic C28-C40	1.25	U	1	1.25	2.12	mg/kg	FC068439.D
Aromatic C10-C12	Aromatic C10-C12	0.38	J	1	0.13	0.71	mg/kg	FG015589.D
Aromatic C12-C16	Aromatic C12-C16	0.55	J	1	0.24	1.06	mg/kg	FG015589.D
Aromatic C16-C21	Aromatic C16-C21	3.04		1	0.43	1.77	mg/kg	FG015589.D
Aromatic C21-C36	Aromatic C21-C36	1.26	U	1	1.26	2.83	mg/kg	FG015589.D
Total AliphaticEPH	Total AliphaticEPH	3.45	J		2.22	6.37	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.96	J		2.06	6.37	mg/kg	
Total EPH	Total EPH	7.41	J		4.27	12.7	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

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-008-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-21	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068439.D	1	03/28/25	03/28/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.53	J	0.15	1.06	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.19		0.12	0.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.73	J	0.14	1.06	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.56	U	0.56	1.42	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.25	U	1.25	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.2		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-21	Acq On:	28 Mar 2025 20:30
Client Sample ID:	P001-BBDGA-008-01	Operator:	YP/AJ
Data file:	FC068439.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.100	6.360	1208051	7.442	300	ug/ml
Aliphatic C12-C16	6.361	9.742	5195070	30.887	200	ug/ml
Aliphatic C16-C21	9.743	13.094	1775606	10.353	300	ug/ml
Aliphatic C21-C28	13.095	16.746	646750	3.83	400	ug/ml
Aliphatic C28-C40	16.747	21.538	2158642	15.852	600	ug/ml
Aliphatic EPH	3.100	21.538	10984119	68.365		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.827	12.827	4944409	33.17		ug/ml
Aliphatic C9-C28	3.100	16.746	8825477	52.512	1200	ug/ml