

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-001-01MSD	SDG No.:	Q1664
Lab Sample ID:	Q1664-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015749.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	8.11		0.15	1.09	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	9.80		0.12	0.73	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	10.9		0.14	1.09	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	13.5		0.58	1.45	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	22.1		1.28	2.18	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.4		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-03	Acq On:	28 Mar 2025 19:25
Client Sample ID:	P001-BBDGA-001-01MSD	Operator:	YP\AJ
Data file:	FF015749.D	Misc:	
Instrument:	FID_F	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.211	6.833	14362937	111.804	300	ug/ml
Aliphatic C12-C16	6.834	10.268	17786342	135.14	200	ug/ml
Aliphatic C16-C21	10.269	13.634	20376668	150.521	300	ug/ml
Aliphatic C21-C28	13.635	17.200	24558755	185.66	400	ug/ml
Aliphatic C28-C40	17.201	22.202	32927644	304.471	600	ug/ml
Aliphatic EPH	3.211	22.202	110012346	887.595		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.370	13.370	4468306	39.37		ug/ml
Aliphatic C9-C28	3.211	17.200	77084702	583.125	1200	ug/ml