

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-001-01MS	SDG No.:	Q1664
Lab Sample ID:	Q1664-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015578.D	1	03/28/25	03/28/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.87		0.13	0.73	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.41		0.25	1.09	mg/kg
Aromatic C16-C21	Aromatic C16-C21	16.7		0.44	1.81	mg/kg
Aromatic C21-C36	Aromatic C21-C36	25.8		1.29	2.90	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	41.7		40 - 140	83%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	30.7		40 - 140	61%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.5		40 - 140	51%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-02	Acq On:	28 Mar 2025 18:56
Client Sample ID:	P001-BBDGA-001-01MS	Operator:	YP\AJ
Data file:	FG015578.D	Misc:	
Instrument:	FID_G	ALS Vial:	76
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.449	6.329	7153205	53.384	200	ug/ml
Aromatic C12-C16	6.330	9.039	14017316	102.203	300	ug/ml
Aromatic C16-C21	9.040	13.371	32077089	230.091	500	ug/ml
Aromatic C21-C36	13.372	18.837	46351603	356.02	800	ug/ml
Aromatic EPH	4.449	18.837	99599213	741.698		ug/ml
2-Bromonaphthalene (SURR)	7.964	7.964	5098046	41.73		ug/ml
2-Fluorobiphenyl (SURR)	8.842	8.842	2538118	30.71		ug/ml
ortho-Terphenyl (SURR)	11.915	11.915	3718156	25.5		ug/ml