

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-02	SDG No.:	Q1421
Lab Sample ID:	Q1421-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049137.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.43	J	0.40	0.89	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.63	J	0.45	1.33	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.48		1.27	2.21	mg/kg
Aromatic C21-C36	Aromatic C21-C36	3.08	J	2.65	3.54	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	64.4		40 - 140	129%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	66.4		40 - 140	133%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	51.4		40 - 140	103%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1421-07	Acq On:	28 Feb 2025 15:16
Client Sample ID:	P001-CLAY-CF01-02	Operator:	YP/AJ
Data file:	FD049137.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	778390	4.895	200	ug/ml
Aromatic C12-C16	5.795	8.396	1143053	7.103	300	ug/ml
Aromatic C16-C21	8.397	12.661	4292784	27.992	500	ug/ml
Aromatic C21-C36	12.662	18.073	4978028	34.783	800	ug/ml
Aromatic EPH	4.076	18.073	11192255	74.773		ug/ml
ortho-Terphenyl (SURR)	11.237	11.237	8318590	51.42		ug/ml
2-Bromonaphthalene (SURR)	7.351	7.351	9217255	64.41		ug/ml
2-Fluorobiphenyl (SURR)	8.201	8.201	5835480	66.38		ug/ml