

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-CF02-01		SDG No.:	Q1421	
Lab Sample ID:	Q1421-09		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.4	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
02/27/25 13:10	02/28/25 20:09	PB166923

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS								
Total AliphaticEPH	Total AliphaticEPH	4.48	U		4.48	3.82	7.64	mg/kg
Total AromaticEPH	Total AromaticEPH	4.59	U		4.59	3.82	7.64	mg/kg
Total EPH	Total EPH	9.07	U		9.07	7.64	15.3	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

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CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aromatic C10-C12	Aromatic C10-C12	0.38	U	1	0.38	0.85	mg/kg	FD049144.D
Aromatic C12-C16	Aromatic C12-C16	0.45	J	1	0.43	1.27	mg/kg	FD049144.D
Aromatic C16-C21	Aromatic C16-C21	1.67	J	1	1.22	2.12	mg/kg	FD049144.D
Aromatic C21-C36	Aromatic C21-C36	2.55	U	1	2.55	3.40	mg/kg	FD049144.D
Total AliphaticEPH	Total AliphaticEPH	4.48	U		4.48	7.64	mg/kg	
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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068336.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	0.33	J	0.18	0.64	1.27	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.55	J	0.14	0.43	0.85	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.49	J	0.17	1.02	1.27	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.68	U	0.68	1.36	1.70	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.37	J	1.50	2.04	2.55	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)	30.5		40 - 140		61%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140		0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1421-09	Acq On:	28 Feb 2025 20:09
Client Sample ID:	P001-CLAY-CF02-01	Operator:	YP/AJ
Data file:	FC068336.D	Misc:	
Instrument:	FID_C	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.104	6.369	543312	3.852	300	ug/ml
Aliphatic C12-C16	6.370	9.754	876350	6.413	200	ug/ml
Aliphatic C16-C21	9.755	13.107	762371	5.792	300	ug/ml
Aliphatic C21-C28	13.108	16.761	744063	6.065	400	ug/ml
Aliphatic C28-C40	16.762	21.565	2863890	27.846	600	ug/ml
Aliphatic EPH	3.104	21.565	5789986	49.968		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.838	12.838	3429125	30.49		ug/ml
Aliphatic C9-C28	3.104	16.761	2926096	22.122	1200	ug/ml