

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS13-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	68.4	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016654.D	1	09/25/25	09/25/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.25	J	0.20	1.46	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.66	J	0.16	0.97	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.34	J	0.19	1.46	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.00	J	0.77	1.94	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	33.4		1.72	2.92	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.5		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3176-02	Acq On:	25 Sep 2025 18:52
Client Sample ID:	EME-TS13-01	Operator:	YP\AJ
Data file:	FG016654.D	Misc:	
Instrument:	FID_G	ALS Vial:	37
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.279	6.920	298166	2.581	300	ug/ml
Aliphatic C12-C16	6.921	10.379	812386	6.735	200	ug/ml
Aliphatic C16-C21	10.380	13.768	455844	3.526	300	ug/ml
Aliphatic C21-C28	13.769	17.453	1323352	10.271	400	ug/ml
Aliphatic C28-C40	17.454	22.488	34886207	343.981	600	ug/ml
Aliphatic EPH	3.279	22.488	37775955	367.095		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.511	13.511	4914957	43.54		ug/ml
Aliphatic C9-C28	3.279	17.453	2889748	23.113	1200	ug/ml