

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS12-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	66.1	
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
FG016653.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	0.55	J	0.21	1.51	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.05		0.17	1.01	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.78	J	0.20	1.51	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.95	J	0.80	2.01	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	45.4		1.78	3.02	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.5		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3176-01	Acq On:	25 Sep 2025 18:22
Client Sample ID:	EME-TS12-01	Operator:	YP\AJ
Data file:	FG016653.D	Misc:	
Instrument:	FID_G	ALS Vial:	36
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.279	6.920	630648	5.46	300	ug/ml
Aliphatic C12-C16	6.921	10.379	2458109	20.38	200	ug/ml
Aliphatic C16-C21	10.380	13.768	997835	7.718	300	ug/ml
Aliphatic C21-C28	13.769	17.453	2494795	19.364	400	ug/ml
Aliphatic C28-C40	17.454	22.488	45743806	451.037	600	ug/ml
Aliphatic EPH	3.279	22.488	52325193	503.959		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	5140031	45.54		ug/ml
Aliphatic C9-C28	3.279	17.453	6581387	52.922	1200	ug/ml