

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MSD	SDG No.:	Q3178
Lab Sample ID:	Q3178-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	71.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016661.D	1	09/25/25	09/26/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	14.7		0.20	1.40	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	12.3		0.15	0.93	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	13.6		0.18	1.40	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	16.7		0.74	1.87	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	43.5		1.65	2.80	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	46.7		40 - 140	93%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3178-03	Acq On:	26 Sep 2025 10:10
Client Sample ID:	EME-TS14-01MSD	Operator:	YP\AJ
Data file:	FG016661.D	Misc:	
Instrument:	FID_G	ALS Vial:	42
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.279	6.920	18225740	157.794	300	ug/ml
Aliphatic C12-C16	6.921	10.379	15858560	131.483	200	ug/ml
Aliphatic C16-C21	10.380	13.768	18890583	146.111	300	ug/ml
Aliphatic C21-C28	13.769	17.453	23115777	179.415	400	ug/ml
Aliphatic C28-C40	17.454	22.488	47262397	466.011	600	ug/ml
Aliphatic EPH	3.279	22.488	123353057	1080		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.510	13.510	5267240	46.67		ug/ml
Aliphatic C9-C28	3.279	17.453	76090660	614.803	1200	ug/ml