

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-01MS		SDG No.:	Q3178	
Lab Sample ID:	Q3178-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	71.4	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016660.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	14.8		0.20	1.40	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	12.5		0.15	0.93	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	13.9		0.18	1.40	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	17.0		0.74	1.86	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	43.9		1.65	2.80	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.9		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3178-02	Acq On:	26 Sep 2025 09:41
Client Sample ID:	EME-TS14-01MS	Operator:	YP\AJ
Data file:	FG016660.D	Misc:	
Instrument:	FID_G	ALS Vial:	41
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.279	6.920	18360561	158.961	300	ug/ml
Aliphatic C12-C16	6.921	10.379	16193392	134.259	200	ug/ml
Aliphatic C16-C21	10.380	13.768	19260771	148.974	300	ug/ml
Aliphatic C21-C28	13.769	17.453	23479882	182.241	400	ug/ml
Aliphatic C28-C40	17.454	22.488	47732530	470.646	600	ug/ml
Aliphatic EPH	3.279	22.488	125027136	1100		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.510	13.510	5184437	45.93		ug/ml
Aliphatic C9-C28	3.279	17.453	77294606	624.435	1200	ug/ml