

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-01		SDG No.:	Q3178	
Lab Sample ID:	Q3178-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	71.4	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016656.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	0.32	J	0.20	1.40	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.39		0.15	0.93	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	4.12		0.18	1.40	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.74	U	0.74	1.87	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.6		1.65	2.80	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	44.7		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3178-01	Acq On:	25 Sep 2025 19:52
Client Sample ID:	EME-TS14-01	Operator:	YP\AJ
Data file:	FG016656.D	Misc:	
Instrument:	FID_G	ALS Vial:	39
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.279	6.920	394838	3.418	300	ug/ml
Aliphatic C12-C16	6.921	10.379	1794070	14.875	200	ug/ml
Aliphatic C16-C21	10.380	13.768	5712423	44.183	300	ug/ml
Aliphatic C21-C28	13.769	17.453	747891	5.805	400	ug/ml
Aliphatic C28-C40	17.454	22.488	28922511	285.178	600	ug/ml
Aliphatic EPH	3.279	22.488	37571733	353.459		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.510	13.510	5049911	44.74		ug/ml
Aliphatic C9-C28	3.279	17.453	8649222	68.281	1200	ug/ml