

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P4620-22MSD		SDG No.:	P4620	
Lab Sample ID:	P4620-24		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.8	
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
FC067617.D	1	11/03/24	11/05/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.73		0.40	1.04	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	6.05		0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.56		0.31	1.04	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.8		0.83	1.39	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	22.1		1.88	2.08	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.6		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-24	Acq On:	05 Nov 2024 00:32
Client Sample ID:	P4620-22MSD	Operator:	YP/AJ
Data file:	FC067617.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.449	13127406	96.903	300	ug/ml
Aliphatic C12-C16	6.450	9.838	11467364	87.084	200	ug/ml
Aliphatic C16-C21	9.839	13.196	17520614	137.703	300	ug/ml
Aliphatic C21-C28	13.197	16.847	22155605	184.491	400	ug/ml
Aliphatic C28-C40	16.848	21.685	32225325	318.768	600	ug/ml
Aliphatic EPH	3.171	21.685	96496314	824.949		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	4492450	41.6		ug/ml
Aliphatic C9-C28	3.171	16.847	64270989	506.181	1200	ug/ml