

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P4620-22MS		SDG No.:	P4620	
Lab Sample ID:	P4620-23		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.8	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067616.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.75		0.40	1.04	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	6.04		0.25	0.69	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.55		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		1.87	2.08	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.4		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:	P4620-23	Acq On:	04 Nov 2024 23:56
Client Sample ID:	P4620-22MS	Operator:	YP/AJ
Data file:	FC067616.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.449	13173058	97.24	300	ug/ml
Aliphatic C12-C16	6.450	9.838	11461452	87.039	200	ug/ml
Aliphatic C16-C21	9.839	13.196	17500259	137.543	300	ug/ml
Aliphatic C21-C28	13.197	16.847	22141218	184.371	400	ug/ml
Aliphatic C28-C40	16.848	21.685	32231760	318.832	600	ug/ml
Aliphatic EPH	3.171	21.685	96507747	825.025		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	4474176	41.43		ug/ml
Aliphatic C9-C28	3.171	16.847	64275987	506.193	1200	ug/ml