

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	
Project:	RFP 872		Date Received:	
Client Sample ID:	PB164637BS		SDG No.:	P4620
Lab Sample ID:	PB164637BS		Matrix:	Water
Analytical Method:	NJEPH		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH
Prep Method :	SW3510			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014651.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	168		5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	153		3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	251		5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	320		8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	505		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	49.7		40 - 140	99%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164637BS	Acq On:	04 Nov 2024 18:46
Client Sample ID:	PB164637BS	Operator:	YP\AJ
Data file:	FG014651.D	Misc:	
Instrument:	FID_G	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.228	6.849	11085014	84.399	300	ug/ml
Aliphatic C12-C16	6.850	10.292	10428416	76.78	200	ug/ml
Aliphatic C16-C21	10.293	13.665	17789181	125.941	300	ug/ml
Aliphatic C21-C28	13.666	17.329	22562945	160.498	400	ug/ml
Aliphatic C28-C40	17.330	22.266	26704406	252.675	600	ug/ml
Aliphatic EPH	3.228	22.266	88569962	700.291		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.399	13.399	6104525	49.71		ug/ml
Aliphatic C9-C28	3.228	17.329	61865556	447.618	1200	ug/ml