

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF12-01	SDG No.:	P4620
Lab Sample ID:	P4620-14	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
FG014642.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	5.76	U	5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	32.2		3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	61.8		40 - 140	124%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-14	Acq On:	04 Nov 2024 14:32
Client Sample ID:	P001-CF12-01	Operator:	YP\AJ
Data file:	FG014642.D	Misc:	
Instrument:	FID_G	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.228	6.849	137085	1.044	300	ug/ml
Aliphatic C12-C16	6.850	10.292	2183981	16.08	200	ug/ml
Aliphatic C16-C21	10.293	13.665	50369	0.357	300	ug/ml
Aliphatic C21-C28	13.666	17.329	0	0	400	ug/ml
Aliphatic C28-C40	17.330	22.266	0	0	600	ug/ml
Aliphatic EPH	3.228	22.266	2371435	17.48		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.400	13.400	7583275	61.76		ug/ml
Aliphatic C9-C28	3.228	17.329	2371435	17.481	1200	ug/ml