

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-001-01MS	SDG No.:	Q1664
Lab Sample ID:	Q1664-05	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
FC068473.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	296		8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	300		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	338		8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	375		12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	566		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.4		40 - 140	97%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-05	Acq On:	01 Apr 2025 18:36
Client Sample ID:	P001-BBDGA-001-01MS	Operator:	YP/AJ
Data file:	FC068473.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.097	6.359	24073271	148.308	300	ug/ml
Aliphatic C12-C16	6.360	9.742	25260412	150.186	200	ug/ml
Aliphatic C16-C21	9.743	13.096	29010139	169.145	300	ug/ml
Aliphatic C21-C28	13.097	16.749	31738818	187.948	400	ug/ml
Aliphatic C28-C40	16.750	21.544	38573298	283.269	600	ug/ml
Aliphatic EPH	3.097	21.544	148655938	938.857		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.828	12.828	7218327	48.42		ug/ml
Aliphatic C9-C28	3.097	16.749	110082640	655.587	1200	ug/ml