284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF16-01	SDG No.:	P4620
Lab Sample ID:	P4620-22	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:45	11/04/24 22:42	PB164618

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.04	mg/kg	FC067614.D
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	1	0.25	0.70	mg/kg	FC067614.D
Aliphatic C16-C21	Aliphatic C16-C21	0.31	U	1	0.31	1.04	mg/kg	FC067614.D
Aliphatic C21-C28	Aliphatic C21-C28	0.83	U	1	0.83	1.39	mg/kg	FC067614.D
Aliphatic C28-C40	Aliphatic C28-C40	1.88	U	1	1.88	2.09	mg/kg	FC067614.D
Aromatic C10-C12	Aromatic C10-C12	0.31	U	1	0.31	0.70	mg/kg	FD048651.D
Aromatic C12-C16	Aromatic C12-C16	0.36	U	1	0.36	1.04	mg/kg	FD048651.D
Aromatic C16-C21	Aromatic C16-C21	1.00	U	1	1.00	1.74	mg/kg	FD048651.D
Aromatic C21-C36	Aromatic C21-C36	2.09	U	1	2.09	2.78	mg/kg	FD048651.D
Total AliphaticEPH	Total AliphaticEPH	3.67	U		3.67	6.25	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.76	U		3.76	6.25	mg/kg	
Total EPH	Total EPH	7.43	U		7.43	12.5	mg/kg	

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067614.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		0.40	U	0.40	1.04	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		0.25	U	0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		0.31	U	0.31	1.04	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		0.83	U	0.83	1.39	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		1.88	U	1.88	2.09	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		43.1		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-22	Acq On:	04 Nov 2024 22:42
Client Sample ID:	P001-CF16-01	Operator:	YP/AJ
Data file:	FC067614.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.449	0	0	300	ug/ml
Aliphatic C12-C16	6.450	9.838	0	0	200	ug/ml
Aliphatic C16-C21	9.839	13.196	0	0	300	ug/ml
Aliphatic C21-C28	13.197	16.847	0	0	400	ug/ml
Aliphatic C28-C40	16.848	21.685	0	0	600	ug/ml
Aliphatic EPH	3.171	21.685	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	4651410	43.07		ug/ml
Aliphatic C9-C28	3.171	16.847	0	0	1200	ug/ml