



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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	LOD-LOQ Study	Date Received:	
Client Sample ID:	PB151925BL	SDG No.:	O2213
Lab Sample ID:	PB151925BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG012152.D	1	04/06/23	06/12/23	PB151925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.24	U	0.24	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.14	U	0.14	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.21	U	0.21	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.46	U	0.46	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.02	U	1.02	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	47.7		40 - 140	95%	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:	PB151925BL	Acq On:	12 Jun 2023 11:48
Client Sample ID:	PB151925BL	Operator:	YP\AJ
Data file:	FG012152.D	Misc:	
Instrument:	FID_G	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	2.648	5.852	0	0	300	ug/ml
Aliphatic C12-C16	5.853	9.252	0	0	200	ug/ml
Aliphatic C16-C21	9.253	12.621	0	0	300	ug/ml
Aliphatic C21-C28	12.622	16.289	0	0	400	ug/ml
Aliphatic C28-C40	16.290	21.201	0	0	600	ug/ml
Aliphatic EPH	2.648	21.201	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.356	12.356	5659319	47.72		ug/ml
Aliphatic C9-C28	2.648	16.289	0	0	1200	ug/ml