



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:	PB151929BL	SDG No.:	O2213
Lab Sample ID:	PB151929BL	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :	SW3510	Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG012159.D	1	04/06/23	06/12/23	PB151929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.87	U	6.87	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	3.59	U	3.59	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	4.10	U	4.10	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	7.08	U	7.08	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	16.7	U	16.7	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	47.5		40 - 140	95%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB151929BL	Acq On:	12 Jun 2023 15:12
Client Sample ID:	PB151929BL	Operator:	YP\AJ
Data file:	FG012159.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)	12.353	12.353	5631435	47.49		ug/ml
Aliphatic C9-C28	2.648	16.289	0	0	1200	ug/ml