



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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/02/23
Project:	LOD-LOQ Study	Date Received:	10/02/23
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2023	SDG No.:	O4699
Lab Sample ID:	O4699-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC064741.D	1	10/04/23	10/05/23	PB156099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.34	J	0.24	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.26	J	0.14	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.47	J	0.21	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.64	J	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)	23.6		40 - 140	47%	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:	O4699-01	Acq On:	05 Oct 2023 10:48
Client Sample ID:	LOD-MDL-SOIL-01-QT4-	Operator:	YP/AJ
Data file:	FC064741.D	Misc:	2.5PPM SOIL LOD
Instrument:	FID_C	ALS Vial:	10
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.222	6.489	903681	5.039	300	ug/ml
Aliphatic C12-C16	6.490	9.871	695216	3.893	200	ug/ml
Aliphatic C16-C21	9.872	13.217	1221288	7.086	300	ug/ml
Aliphatic C21-C28	13.218	16.860	1487051	9.558	400	ug/ml
Aliphatic C28-C40	16.861	21.688	1877355	13.291	600	ug/ml
Aliphatic EPH	3.222	21.688	6184591	38.868		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.952	12.952	3437646	23.6		ug/ml
Aliphatic C9-C28	3.222	16.860	4307236	25.576	1200	ug/ml