

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/21/24
Project:	NJ Soil PT	Date Received:	10/23/24
Client Sample ID:	PT-NJEPH-SOILDL3	SDG No.:	P4495
Lab Sample ID:	P4495-16DL3	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	20.27 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067538.D	25	10/25/24	10/28/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	199		14.1	37.0	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	429		8.88	24.7	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	370		11.1	37.0	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	55.0		29.6	49.3	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	66.6	U	66.6	74.0	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.82		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4495-16DL3	Acq On:	28 Oct 2024 12:03
Client Sample ID:	PT-NJEPH-SOILDL3	Operator:	YP/AJ
Data file:	FC067538.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	25	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	10951153	80.838	300	ug/ml
Aliphatic C12-C16	6.454	9.842	22931374	174.142	200	ug/ml
Aliphatic C16-C21	9.843	13.200	19110771	150.2	300	ug/ml
Aliphatic C21-C28	13.201	16.853	2677131	22.293	400	ug/ml
Aliphatic C28-C40	16.854	21.695	612933	6.063	600	ug/ml
Aliphatic EPH	3.173	21.695	56283362	433.537		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	196940	1.82		ug/ml
Aliphatic C9-C28	3.173	16.853	55670429	427.473	1200	ug/ml