

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-SOILDL2	SDG No.:	P4495
Lab Sample ID:	P4495-16DL2	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
FC067537.D	10	10/25/24	10/28/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	177		5.62	14.8	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	388	E	3.55	9.87	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	345	E	4.44	14.8	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	51.6		11.8	19.7	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.8	J	26.6	29.6	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.75		40 - 140	95%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4495-16DL2	Acq On:	28 Oct 2024 11:26
Client Sample ID:	PT-NJEPH-SOILDL2	Operator:	YP/AJ
Data file:	FC067537.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	24358182	179.805	300	ug/ml
Aliphatic C12-C16	6.454	9.842	51887370	394.036	200	ug/ml
Aliphatic C16-C21	9.843	13.200	44514669	349.862	300	ug/ml
Aliphatic C21-C28	13.201	16.853	6278967	52.285	400	ug/ml
Aliphatic C28-C40	16.854	21.695	1306494	12.924	600	ug/ml
Aliphatic EPH	3.173	21.695	128345682	988.912		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.933	12.933	512964	4.75		ug/ml
Aliphatic C9-C28	3.173	16.853	127039188	975.988	1200	ug/ml