

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-SOILDL	SDG No.:	P4495
Lab Sample ID:	P4495-16DL	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
FC067536.D	5	10/25/24	10/28/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	173	E	2.81	7.40	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	379	E	1.78	4.93	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	332	E	2.22	7.40	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	54.1		5.92	9.87	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	14.6	J	13.3	14.8	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	9.18		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4495-16DL	Acq On:	28 Oct 2024 10:32
Client Sample ID:	PT-NJEPH-SOILDL	Operator:	YP/AJ
Data file:	FC067536.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	47587922	351.281	300	ug/ml
Aliphatic C12-C16	6.454	9.842	101304429	769.313	200	ug/ml
Aliphatic C16-C21	9.843	13.200	85664540	673.278	300	ug/ml
Aliphatic C21-C28	13.201	16.853	13167389	109.646	400	ug/ml
Aliphatic C28-C40	16.854	21.695	2987023	29.547	600	ug/ml
Aliphatic EPH	3.173	21.695	250711303	1930		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	990988	9.18		ug/ml
Aliphatic C9-C28	3.173	16.853	247724280	1900	1200	ug/ml