

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-1DL	SDG No.:	P4768
Lab Sample ID:	P4768-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051227.D	5	11/13/24	11/14/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	2.27	J	2.01	5.30	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.69	J	1.27	3.53	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	14.3		1.59	5.30	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	85.6		4.24	7.06	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	84.4		9.53	10.6	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	5.48		40 - 140	55%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4768-01DL	Acq On:	14 Nov 2024 09:09
Client Sample ID:	B-3-1DL	Operator:	YP\AJ
Data file:	FE051227.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.135	6.753	900000	6.432	300	ug/ml
Aliphatic C12-C16	6.754	10.184	1069911	7.608	200	ug/ml
Aliphatic C16-C21	10.185	13.542	5568967	40.423	300	ug/ml
Aliphatic C21-C28	13.543	17.196	32494216	242.582	400	ug/ml
Aliphatic C28-C40	17.197	22.038	30792159	239.165	600	ug/ml
Aliphatic EPH	3.135	22.038	70825253	536.21		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.278	13.278	621620	5.48		ug/ml
Aliphatic C9-C28	3.135	17.196	40033094	297.045	1200	ug/ml