

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2	SDG No.:	P4768
Lab Sample ID:	P4768-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/13/24 09:40	11/14/24 1:14	PB164943

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.62	J	1	0.40	1.06	mg/kg	FE051217.D
Aliphatic C12-C16	Aliphatic C12-C16	0.63	J	1	0.25	0.71	mg/kg	FE051217.D
Aliphatic C16-C21	Aliphatic C16-C21	0.55	J	1	0.32	1.06	mg/kg	FE051217.D
Aliphatic C21-C28	Aliphatic C21-C28	0.85	U	1	0.85	1.41	mg/kg	FE051217.D
Aliphatic C28-C40	Aliphatic C28-C40	8.36		1	1.91	2.12	mg/kg	FE051217.D
Aromatic C10-C12	Aromatic C10-C12	0.32	U	1	0.32	0.71	mg/kg	FF015017.D
Aromatic C12-C16	Aromatic C12-C16	5.94		1	0.36	1.06	mg/kg	FF015017.D
Aromatic C16-C21	Aromatic C16-C21	5.82		1	1.02	1.77	mg/kg	FF015017.D
Aromatic C21-C36	Aromatic C21-C36	8.16		1	2.12	2.83	mg/kg	FF015017.D
Total AliphaticEPH	Total AliphaticEPH	10.2			3.73	6.36	mg/kg	
Total AromaticEPH	Total AromaticEPH	19.9			3.82	6.37	mg/kg	
Total EPH	Total EPH	30.1			7.55	12.7	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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FE051217.D	1	11/13/24	11/14/24	PB164943

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Aliphatic C21-C28	Aliphatic C21-C28	0.85	U	0.85	1.41	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.36		1.91	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.3		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4768-06	Acq On:	14 Nov 2024 01:14
Client Sample ID:	B-6-2	Operator:	YP\AJ
Data file:	FE051217.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.138	6.755	1226740	8.768	300	ug/ml
Aliphatic C12-C16	6.756	10.187	1261251	8.968	200	ug/ml
Aliphatic C16-C21	10.188	13.546	1066873	7.744	300	ug/ml
Aliphatic C21-C28	13.547	17.200	1281396	9.566	400	ug/ml
Aliphatic C28-C40	17.201	22.043	15248742	118.438	600	ug/ml
Aliphatic EPH	3.138	22.043	20085002	153.484		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.280	13.280	3664720	32.28		ug/ml
Aliphatic C9-C28	3.138	17.200	4836260	35.046	1200	ug/ml