

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-3	SDG No.:	P4768
Lab Sample ID:	P4768-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.8
Sample Wt/Vol:	30.02 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	11/13/24 23:43	PB164943

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.41	U	1	0.41	1.09	mg/kg	FE051214.D
Aliphatic C12-C16	Aliphatic C12-C16	0.67	J	1	0.26	0.73	mg/kg	FE051214.D
Aliphatic C16-C21	Aliphatic C16-C21	0.62	J	1	0.33	1.09	mg/kg	FE051214.D
Aliphatic C21-C28	Aliphatic C21-C28	0.87	U	1	0.87	1.45	mg/kg	FE051214.D
Aliphatic C28-C40	Aliphatic C28-C40	8.01		1	1.96	2.18	mg/kg	FE051214.D
Aromatic C10-C12	Aromatic C10-C12	0.33	U	1	0.33	0.73	mg/kg	FF015014.D
Aromatic C12-C16	Aromatic C12-C16	3.32		1	0.37	1.09	mg/kg	FF015014.D
Aromatic C16-C21	Aromatic C16-C21	1.74	J	1	1.05	1.81	mg/kg	FF015014.D
Aromatic C21-C36	Aromatic C21-C36	2.18	U	1	2.18	2.90	mg/kg	FF015014.D
Total AliphaticEPH	Total AliphaticEPH	9.30			3.83	6.54	mg/kg	
Total AromaticEPH	Total AromaticEPH	5.06	J		3.93	6.53	mg/kg	
Total EPH	Total EPH	14.4			7.76	13.1	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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FE051214.D	1	11/13/24	11/13/24	PB164943

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Aliphatic C21-C28	Aliphatic C21-C28	0.87	U	0.87	1.45	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.01		1.96	2.18	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.4		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4768-03	Acq On:	13 Nov 2024 23:43
Client Sample ID:	B-3-3	Operator:	YP\AJ
Data file:	FE051214.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.138	6.755	530517	3.792	300	ug/ml
Aliphatic C12-C16	6.756	10.187	1296984	9.222	200	ug/ml
Aliphatic C16-C21	10.188	13.546	1177354	8.546	300	ug/ml
Aliphatic C21-C28	13.547	17.200	1148217	8.572	400	ug/ml
Aliphatic C28-C40	17.201	22.043	14204488	110.327	600	ug/ml
Aliphatic EPH	3.138	22.043	18357560	140.459		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.280	13.280	3225263	28.41		ug/ml
Aliphatic C9-C28	3.138	17.200	4153072	30.132	1200	ug/ml