

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-2	SDG No.:	P4768
Lab Sample ID:	P4768-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.1
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	11/13/24 23:13	PB164943

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.05	mg/kg	FE051213.D
Aliphatic C12-C16	Aliphatic C12-C16	0.67	J	1	0.25	0.70	mg/kg	FE051213.D
Aliphatic C16-C21	Aliphatic C16-C21	0.50	J	1	0.32	1.05	mg/kg	FE051213.D
Aliphatic C21-C28	Aliphatic C21-C28	0.89	J	1	0.84	1.40	mg/kg	FE051213.D
Aliphatic C28-C40	Aliphatic C28-C40	9.48		1	1.89	2.10	mg/kg	FE051213.D
Aromatic C10-C12	Aromatic C10-C12	0.32	U	1	0.32	0.70	mg/kg	FF015013.D
Aromatic C12-C16	Aromatic C12-C16	0.36	U	1	0.36	1.05	mg/kg	FF015013.D
Aromatic C16-C21	Aromatic C16-C21	1.53	J	1	1.01	1.75	mg/kg	FF015013.D
Aromatic C21-C36	Aromatic C21-C36	2.10	U	1	2.10	2.80	mg/kg	FF015013.D
Total AliphaticEPH	Total AliphaticEPH	11.5			3.70	6.30	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.78	U		3.78	6.30	mg/kg	
Total EPH	Total EPH	13.1			7.48	12.6	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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FE051213.D	1	11/13/24	11/13/24	PB164943

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Aliphatic C21-C28	Aliphatic C21-C28	0.89	J	0.84	1.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	9.48		1.89	2.10	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.0		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4768-02	Acq On:	13 Nov 2024 23:13
Client Sample ID:	B-3-2	Operator:	YP\AJ
Data file:	FE051213.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.138	6.755	485188	3.468	300	ug/ml
Aliphatic C12-C16	6.756	10.187	1340418	9.531	200	ug/ml
Aliphatic C16-C21	10.188	13.546	989856	7.185	300	ug/ml
Aliphatic C21-C28	13.547	17.200	1700083	12.692	400	ug/ml
Aliphatic C28-C40	17.201	22.043	17419388	135.298	600	ug/ml
Aliphatic EPH	3.138	22.043	21934933	168.173		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.280	13.280	3747520	33.01		ug/ml
Aliphatic C9-C28	3.138	17.200	4515545	32.876	1200	ug/ml