

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-5	SDG No.:	P4768
Lab Sample ID:	P4768-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90
Sample Wt/Vol:	30.08 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 0:43	PB164943

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.42	U	1	0.42	1.11	mg/kg	FE051216.D
Aliphatic C12-C16	Aliphatic C12-C16	0.59	J	1	0.27	0.74	mg/kg	FE051216.D
Aliphatic C16-C21	Aliphatic C16-C21	0.60	J	1	0.33	1.11	mg/kg	FE051216.D
Aliphatic C21-C28	Aliphatic C21-C28	0.89	U	1	0.89	1.48	mg/kg	FE051216.D
Aliphatic C28-C40	Aliphatic C28-C40	5.68		1	1.99	2.22	mg/kg	FE051216.D
Aromatic C10-C12	Aromatic C10-C12	0.33	U	1	0.33	0.74	mg/kg	FF015016.D
Aromatic C12-C16	Aromatic C12-C16	2.14		1	0.38	1.11	mg/kg	FF015016.D
Aromatic C16-C21	Aromatic C16-C21	1.88		1	1.06	1.85	mg/kg	FF015016.D
Aromatic C21-C36	Aromatic C21-C36	2.22	U	1	2.22	2.96	mg/kg	FF015016.D
Total AliphaticEPH	Total AliphaticEPH	6.86			3.90	6.66	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.02	J		3.99	6.66	mg/kg	
Total EPH	Total EPH	10.9	J		7.88	13.3	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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FE051216.D	1	11/13/24	11/14/24	PB164943

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Aliphatic C21-C28	Aliphatic C21-C28	0.89	U	0.89	1.48	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.68		1.99	2.22	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.1		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4768-05	Acq On:	14 Nov 2024 00:43
Client Sample ID:	B-5	Operator:	YP\AJ
Data file:	FE051216.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.138	6.755	427644	3.056	300	ug/ml
Aliphatic C12-C16	6.756	10.187	1113798	7.92	200	ug/ml
Aliphatic C16-C21	10.188	13.546	1112882	8.078	300	ug/ml
Aliphatic C21-C28	13.547	17.200	831204	6.205	400	ug/ml
Aliphatic C28-C40	17.201	22.043	9905179	76.934	600	ug/ml
Aliphatic EPH	3.138	22.043	13390707	102.194		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.280	13.280	4891539	43.09		ug/ml
Aliphatic C9-C28	3.138	17.200	3485528	25.259	1200	ug/ml