

Report of Analysis

Client:	JPCL Engineering	Date Collected:	12/05/24
Project:	1454 to 1460 Haddon Avenue, Camden, NJ	Date Received:	12/06/24
Client Sample ID:	UST-2	SDG No.:	P5194
Lab Sample ID:	P5194-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
12/11/24 09:12	12/12/24 0:21	PB165557

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.45	J	1	0.42	1.09	mg/kg	FC067991.D
Aliphatic C12-C16	Aliphatic C12-C16	0.73		1	0.26	0.73	mg/kg	FC067991.D
Aliphatic C16-C21	Aliphatic C16-C21	8.59		1	0.33	1.09	mg/kg	FC067991.D
Aliphatic C21-C28	Aliphatic C21-C28	5.26		1	0.88	1.46	mg/kg	FC067991.D
Aliphatic C28-C40	Aliphatic C28-C40	42.4		1	1.97	2.19	mg/kg	FC067991.D
Aromatic C10-C12	Aromatic C10-C12	0.33	U	1	0.33	0.73	mg/kg	FD048880.D
Aromatic C12-C16	Aromatic C12-C16	0.37	U	1	0.37	1.09	mg/kg	FD048880.D
Aromatic C16-C21	Aromatic C16-C21	1.24	J	1	1.05	1.82	mg/kg	FD048880.D
Aromatic C21-C36	Aromatic C21-C36	5.37		1	2.19	2.92	mg/kg	FD048880.D
Total AliphaticEPH	Total AliphaticEPH	57.4			3.85	6.56	mg/kg	
Total AromaticEPH	Total AromaticEPH	6.61			3.94	6.56	mg/kg	
Total EPH	Total EPH	64.0			7.79	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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FC067991.D	1	12/11/24	12/12/24	PB165557

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SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.5		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5194-02	Acq On:	12 Dec 2024 00:21
Client Sample ID:	UST-2	Operator:	YP/AJ
Data file:	FC067991.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.428	982183	6.204	300	ug/ml
Aliphatic C12-C16	6.429	9.820	1612440	10.06	200	ug/ml
Aliphatic C16-C21	9.821	13.180	17935838	117.718	300	ug/ml
Aliphatic C21-C28	13.181	16.836	9837034	72.127	400	ug/ml
Aliphatic C28-C40	16.837	21.674	61578956	581.127	600	ug/ml
Aliphatic EPH	3.151	21.674	91946451	787.238		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.915	12.915	5811393	45.55		ug/ml
Aliphatic C9-C28	3.151	16.836	30367495	206.109	1200	ug/ml