

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-7	SDG No.:	Q1308
Lab Sample ID:	Q1308-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/07/25 20:56	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	674		50	22.4	58.9	mg/kg FE052300.D
Aliphatic C12-C16	Aliphatic C12-C16	1720		200	56.5	156	mg/kg FE052301.D
Aliphatic C16-C21	Aliphatic C16-C21	428		50	17.7	58.9	mg/kg FE052300.D
Aliphatic C21-C28	Aliphatic C21-C28	25.3		1	0.94	1.57	mg/kg FE052287.D
Aliphatic C28-C40	Aliphatic C28-C40	11.8		1	2.12	2.35	mg/kg FE052287.D
Aromatic C10-C12	Aromatic C10-C12	132		10	3.53	7.85	mg/kg FF015501.D
Aromatic C12-C16	Aromatic C12-C16	672		50	20.0	58.9	mg/kg FF015502.D
Aromatic C16-C21	Aromatic C16-C21	795		50	56.5	98.1	mg/kg FF015502.D
Aromatic C21-C36	Aromatic C21-C36	33.4		1	2.35	3.14	mg/kg FF015489.D
Total AliphaticEPH	Total AliphaticEPH	2860			99.7	278	mg/kg
Total AromaticEPH	Total AromaticEPH	1630			82.4	168	mg/kg
Total EPH	Total EPH	4490			182	446	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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Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052287.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
	Aliphatic C9-C12	652	E	0.45	1.18	mg/kg
	Aliphatic C12-C16	1410	E	0.28	0.79	mg/kg
	Aliphatic C16-C21	383	E	0.35	1.18	mg/kg
	Aliphatic C21-C28	25.3		0.94	1.57	mg/kg
	Aliphatic C28-C40	11.8		2.12	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.6		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID: Q1308-06 Acq On: 07 Feb 2025 12:56
Client Sample ID: EX-11-TPH-7 Operator: YP\AJ
Data file: FE052287.D Misc:
Instrument: FID_E ALS Vial: 15
Dilution Factor: 1 Sample Multiplier: 1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	799994513	8320	300	ug/ml
Aliphatic C12-C16	7.236	10.639	1883589829	18000	200	ug/ml
Aliphatic C16-C21	10.640	13.984	552895923	4890	300	ug/ml
Aliphatic C21-C28	13.985	17.628	36775483	322.595	400	ug/ml
Aliphatic C28-C40	17.629	22.712	13718989	149.847	600	ug/ml
Aliphatic EPH	3.679	22.712	3286974737	31700		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.727	13.727	3117230	31.59		ug/ml
Aliphatic C9-C28	3.679	17.628	3273255748	31500	1200	ug/ml