

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-6-TPH-1DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052297.D	5	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	24.4		2.28	5.99	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	64.3		1.44	4.00	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	51.8		1.80	5.99	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	8.82		4.80	7.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.64	J	10.8	12.0	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	5.84		40 - 140	58%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-02DL	Acq On:	07 Feb 2025 19:27
Client Sample ID:	EX-6-TPH-1DL	Operator:	YP\AJ
Data file:	FE052297.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	5873937	61.07	300	ug/ml
Aliphatic C12-C16	7.236	10.639	16840134	160.82	200	ug/ml
Aliphatic C16-C21	10.640	13.984	14662266	129.729	300	ug/ml
Aliphatic C21-C28	13.985	17.628	2516165	22.072	400	ug/ml
Aliphatic C28-C40	17.629	22.712	1750898	19.124	600	ug/ml
Aliphatic EPH	3.679	22.712	41643400	392.815		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.715	13.715	576452	5.84		ug/ml
Aliphatic C9-C28	3.679	17.628	39892502	373.691	1200	ug/ml