

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-1	SDG No.:	P4518
Lab Sample ID:	P4518-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
10/25/24 09:05	10/28/24 18:16	PB164396

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	37.1		5	2.41	6.35	mg/kg FC067548.D
Aliphatic C12-C16	Aliphatic C12-C16	358		25	7.63	21.2	mg/kg FC067549.D
Aliphatic C16-C21	Aliphatic C16-C21	351		25	9.53	31.8	mg/kg FC067549.D
Aliphatic C21-C28	Aliphatic C21-C28	31.0		5	5.08	8.47	mg/kg FC067548.D
Aliphatic C28-C40	Aliphatic C28-C40	55.7		5	11.4	12.7	mg/kg FC067548.D
Aromatic C10-C12	Aromatic C10-C12	9.10		1	0.38	0.85	mg/kg FD048589.D
Aromatic C12-C16	Aromatic C12-C16	108		10	4.32	12.7	mg/kg FD048609.D
Aromatic C16-C21	Aromatic C16-C21	325		10	12.2	21.2	mg/kg FD048609.D
Aromatic C21-C36	Aromatic C21-C36	60.3		1	2.54	3.39	mg/kg FD048589.D
Total AliphaticEPH	Total AliphaticEPH	833			36.0	80.5	mg/kg
Total AromaticEPH	Total AromaticEPH	502			19.4	38.1	mg/kg
Total EPH	Total EPH	1340			55.5	119	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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Lab Sample ID:	P4518-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.5	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067526.D	1	10/25/24	10/25/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	38.0	E	0.48	1.27	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	274	E	0.31	0.85	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	290	E	0.38	1.27	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	85.7	E	1.02	1.69	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	74.1	E	2.29	2.54	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.1		40 - 140	82%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-01	Acq On:	25 Oct 2024 16:18
Client Sample ID:	EX-5-TPH-1	Operator:	YP/AJ
Data file:	FC067526.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	60835523	449.071	300	ug/ml
Aliphatic C12-C16	6.454	9.843	426061804	3240	200	ug/ml
Aliphatic C16-C21	9.844	13.201	436875004	3430	300	ug/ml
Aliphatic C21-C28	13.202	16.856	121411312	1010	400	ug/ml
Aliphatic C28-C40	16.857	21.702	88429971	874.737	600	ug/ml
Aliphatic EPH	3.173	21.702	1133613614	9000		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.938	12.938	4433909	41.06		ug/ml
Aliphatic C9-C28	3.173	16.856	1045183643	8130	1200	ug/ml