

Report of Analysis

Client:	Ronald Adams	Date Collected:	
Project:	19 Ashlynn Court	Date Received:	
Client Sample ID:	PB170011BSD	SDG No.:	Q3301
Lab Sample ID:	PB170011BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 g	Test:	EPH
Prep Method :		Final Vol:	2000uL
		Prep Date :	10/07/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS											
Total AliphaticEPH	Total AliphaticEPH	38.2			2.09	3.00	5.99	mg/kg			
Total AromaticEPH	Total AromaticEPH	55.9			1.94	3.00	6.00	mg/kg			
Total EPH	Total EPH	94.1			4.03	5.99	12.0	mg/kg			

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Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/07/25 11:25	10/08/25 10:50	PB170011

Datafile

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Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069961.D	1	10/07/25	10/08/25	PB170011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	4.74		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	3.85		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	6.50		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	8.67		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	14.4		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.9		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170011BSD	Acq On:	08 Oct 2025 10:50
Client Sample ID:	PB170011BSD	Operator:	YP/AJ
Data file:	FC069961.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.284	6.578	10297625	71.123	300	ug/ml
Aliphatic C12-C16	6.579	9.979	9476044	57.858	200	ug/ml
Aliphatic C16-C21	9.980	13.346	15801523	97.573	300	ug/ml
Aliphatic C21-C28	13.347	17.010	19152734	130.165	400	ug/ml
Aliphatic C28-C40	17.011	21.966	23197649	215.592	600	ug/ml
Aliphatic EPH	3.284	21.966	77925575	572.311		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.082	13.082	5149021	37.93		ug/ml
Aliphatic C9-C28	3.284	17.010	54727926	356.719	1200	ug/ml