

Report of Analysis

Client:	Ronald Adams	Date Collected:	09/10/25
Project:	19 Ashlynn Court	Date Received:	10/06/25
Client Sample ID:	SOILDL2	SDG No.:	Q3301
Lab Sample ID:	Q3301-01DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069968.D	100	10/07/25	10/08/25	PB170011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	333		17.2	123	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	965		13.5	82.1	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	1010		16.0	123	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	176		65.2	164	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	145	U	145	246	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.82		40 - 140	164%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.68		40 - 140	136%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3301-01DL2	Acq On:	08 Oct 2025 15:51
Client Sample ID:	SOILDL2	Operator:	YP/AJ
Data file:	FC069968.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	100	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.284	6.578	5888524	40.671	300	ug/ml
Aliphatic C12-C16	6.579	9.979	19280189	117.718	200	ug/ml
Aliphatic C16-C21	9.980	13.346	19938802	123.12	300	ug/ml
Aliphatic C21-C28	13.347	17.010	3159266	21.471	400	ug/ml
Aliphatic C28-C40	17.011	21.966	450123	4.183	600	ug/ml
Aliphatic EPH	3.284	21.966	48716904	307.164		ug/ml
ortho-Terphenyl (SURR)	11.614	11.614	120179	0.68		ug/ml
1-chlorooctadecane (SURR)	13.077	13.077	110927	0.82		ug/ml
Aliphatic C9-C28	3.284	17.010	48266781	302.98	1200	ug/ml