

Report of Analysis

Client:	CDM Smith	Date Collected:	09/16/25
Project:	Con Edison FOPL2	Date Received:	09/16/25
Client Sample ID:	TP-2	SDG No.:	Q3123
Lab Sample ID:	Q3123-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.5
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
FE055929.D	1	09/22/25	09/22/25	PB169768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.21	J	0.15	1.10	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.68	J	0.12	0.74	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.60	J	0.14	1.10	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.47	U	0.59	1.47	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.81		1.30	2.21	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	57.6		40 - 140	115%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3123-01	Acq On:	22 Sep 2025 17:55
Client Sample ID:	TP-2	Operator:	YP\AJ
Data file:	FE055929.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.947	364538	2.839	300	ug/ml
Aliphatic C12-C16	6.948	10.400	1238929	9.171	200	ug/ml
Aliphatic C16-C21	10.401	13.780	1170328	8.115	300	ug/ml
Aliphatic C21-C28	13.781	17.452	1105224	7.716	400	ug/ml
Aliphatic C28-C40	17.453	22.472	16497934	119.794	600	ug/ml
Aliphatic EPH	3.312	22.472	20376953	147.635		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.514	13.514	7206345	57.63		ug/ml
Aliphatic C9-C28	3.312	17.452	3879019	27.841	1200	ug/ml