

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Edison FOPL2	Date Received:	
Client Sample ID:	TP-2MS	SDG No.:	Q3123
Lab Sample ID:	Q3123-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.5
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
FE055931.D	1	09/22/25	09/22/25	PB169768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
	Aliphatic C9-C12	8.10		0.15	1.10	mg/kg
	Aliphatic C12-C16	8.23		0.12	0.74	mg/kg
	Aliphatic C16-C21	12.4		0.14	1.10	mg/kg
	Aliphatic C21-C28	14.8		0.58	1.47	mg/kg
	Aliphatic C28-C40	28.5		1.30	2.20	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	54.0		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3123-01MS	Acq On:	22 Sep 2025 18:56
Client Sample ID:	Q3123-01MS	Operator:	YP\AJ
Data file:	FE055931.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.947	14150886	110.206	300	ug/ml
Aliphatic C12-C16	6.948	10.400	15127774	111.979	200	ug/ml
Aliphatic C16-C21	10.401	13.780	24239985	168.08	300	ug/ml
Aliphatic C21-C28	13.781	17.452	28784191	200.957	400	ug/ml
Aliphatic C28-C40	17.453	22.472	53362221	387.47	600	ug/ml
Aliphatic EPH	3.312	22.472	135665057	978.691		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	6757456	54.04		ug/ml
Aliphatic C9-C28	3.312	17.452	82302836	591.222	1200	ug/ml