

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Edison FOPL2	Date Received:	
Client Sample ID:	PB169768BS	SDG No.:	Q3123
Lab Sample ID:	PB169768BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055924.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	5.51		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.08		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.26		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	11.5		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	17.1		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.0		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169768BS	Acq On:	22 Sep 2025 15:23
Client Sample ID:	PB169768BS	Operator:	YP\AJ
Data file:	FE055924.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.947	10609280	82.624	300	ug/ml
Aliphatic C12-C16	6.948	10.400	10305489	76.283	200	ug/ml
Aliphatic C16-C21	10.401	13.780	20033147	138.91	300	ug/ml
Aliphatic C21-C28	13.781	17.452	24651770	172.106	400	ug/ml
Aliphatic C28-C40	17.453	22.472	35284248	256.203	600	ug/ml
Aliphatic EPH	3.312	22.472	100883934	726.127		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.513	13.513	4998928	39.98		ug/ml
Aliphatic C9-C28	3.312	17.452	65599686	469.923	1200	ug/ml