

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BSD	SDG No.:	Q3266
Lab Sample ID:	PB169950BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056149.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	4.76		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	4.57		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	7.92		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	10.6		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	17.7		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.6		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169950BSD	Acq On:	02 Oct 2025 16:02
Client Sample ID:	PB169950BSD	Operator:	YP\AJ
Data file:	FE056149.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	3.311	6.945	10010564	71.49	300	ug/ml
Aliphatic C12-C16	6.946	10.395	10519573	68.587	200	ug/ml
Aliphatic C16-C21	10.396	13.772	19736725	118.982	300	ug/ml
Aliphatic C21-C28	13.773	17.442	23717806	159.687	400	ug/ml
Aliphatic C28-C40	17.443	22.448	36272078	266.213	600	ug/ml
Aliphatic EPH	3.311	22.448	100256746	684.958		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.506	13.506	6079062	43.56		ug/ml
Aliphatic C9-C28	3.311	17.442	63984668	418.746	1200	ug/ml