

Report of Analysis

Client:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	B4-0.0-0.5-20251114MSD	SDG No.:	Q3649
Lab Sample ID:	Q3649-06MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.4
Sample Wt/Vol:	30.05 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	11/17/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	66.5	E	1	1.29	2.18	mg/kg	FE056886.D	11/17/25 22:42	PB170578
Aliphatic C9-C28	Aliphatic C9-C28	78.1		1	0.99	4.37	mg/kg	FE056886.D	11/17/25 22:42	PB170578
Total AliphaticEPH	Total AliphaticEPH	145			2.28	6.55	mg/kg			
Total EPH	Total EPH	145			2.28	6.55	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	35.7			40 - 140	71%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	41.3			40 - 140	83%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3649-06MSD	Acq On:	17 Nov 2025 22:42
Client Sample ID:	B4-0.0-0.5-20251114MSD	Operator:	YP\AJ
Data file:	FE056886.D	Misc:	
Instrument:	FID_E	ALS Vial:	29
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.213	6.836	24702803	144.324	300	ug/ml
Aliphatic C12-C16	6.837	10.281	50357853	281.715	200	ug/ml
Aliphatic C16-C21	10.282	13.655	63014933	337.872	300	ug/ml
Aliphatic C21-C28	13.656	17.323	59635129	309.365	400	ug/ml
Aliphatic C28-C40	17.324	22.257	145541185	913.546	600	ug/ml
Aliphatic EPH	3.213	22.257	343251903	1990		ug/ml
ortho-Terphenyl (SURR)	11.954	11.954	8631142	41.31		ug/ml
1-chlorooctadecane (SURR)	13.390	13.390	5755450	35.72		ug/ml
Aliphatic C9-C28	3.213	17.323	197710718	1070	1200	ug/ml