

Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/14/25
Project:	PVWC Linear Construction	Date Received:	11/14/25
Client Sample ID:	B4-0.0-0.5-20251114	SDG No.:	Q3649
Lab Sample ID:	Q3649-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.4
Sample Wt/Vol:	30.08 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	22.6		1	1.29	2.18	mg/kg	FE056883.D	11/17/25 21:11	PB170578
Aliphatic C9-C28	Aliphatic C9-C28	1.80	J	1	0.99	4.36	mg/kg	FE056883.D	11/17/25 21:11	PB170578
Total AliphaticEPH	Total AliphaticEPH	24.4			2.28	6.54	mg/kg			
Total EPH	Total EPH	24.4			2.28	6.54	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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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	1.80	J	1	0.99	4.36	mg/kg	11/17/25	PB170578
Aliphatic C28-C40	Aliphatic C28-C40	22.6		1	1.29	2.18	mg/kg	11/17/25	PB170578
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	40.0			40 - 140	80%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	47.3			40 - 140	95%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3649-06	Acq On:	17 Nov 2025 21:11
Client Sample ID:	B4-0.0-0.5-20251114	Operator:	YP\AJ
Data file:	FE056883.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.213	6.836	504079	2.945	300	ug/ml
Aliphatic C12-C16	6.837	10.281	1116384	6.245	200	ug/ml
Aliphatic C16-C21	10.282	13.655	1200330	6.436	300	ug/ml
Aliphatic C21-C28	13.656	17.323	1770081	9.183	400	ug/ml
Aliphatic C28-C40	17.324	22.257	49503544	310.728	600	ug/ml
Aliphatic EPH	3.213	22.257	54094418	335.537		ug/ml
ortho-Terphenyl (SURR)	11.954	11.954	9890264	47.34		ug/ml
1-chlorooctadecane (SURR)	13.391	13.391	6438282	39.96		ug/ml
Aliphatic C9-C28	3.213	17.323	4590874	24.809	1200	ug/ml