

Report of Analysis

Client:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	PB170578BL	SDG No.:	Q3649
Lab Sample ID:	PB170578BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 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	1.18	U	1	1.18	2.00	mg/kg	FE056870.D	11/17/25 14:39	PB170578
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FE056870.D	11/17/25 14:39	PB170578
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg			
Total EPH	Total EPH	2.09	U		2.09	5.99	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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Prep Method :		Prep Date	11/17/25	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	11/17/25	PB170578
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	11/17/25	PB170578
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	31.3			40 - 140	63%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	38.4			40 - 140	77%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170578BL	Acq On:	17 Nov 2025 14:39
Client Sample ID:	PB170578BL	Operator:	YP\AJ
Data file:	FE056870.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.213	6.836	0	0	300	ug/ml
Aliphatic C12-C16	6.837	10.281	0	0	200	ug/ml
Aliphatic C16-C21	10.282	13.655	0	0	300	ug/ml
Aliphatic C21-C28	13.656	17.323	0	0	400	ug/ml
Aliphatic C28-C40	17.324	22.257	0	0	600	ug/ml
Aliphatic EPH	3.213	22.257	0	0		ug/ml
ortho-Terphenyl (SURR)	11.954	11.954	8019541	38.39		ug/ml
1-chlorooctadecane (SURR)	13.390	13.390	5040365	31.28		ug/ml
Aliphatic C9-C28	3.213	17.323	0	0	1200	ug/ml