

Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/17/25
Project:	PVWC Linear Construction	Date Received:	11/18/25
Client Sample ID:	B1-0.0-1.0-20251117	SDG No.:	Q3662
Lab Sample ID:	Q3662-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.1
Sample Wt/Vol:	30.09 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	11/19/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	27.9		1	1.34	2.26	mg/kg	FE056937.D	11/19/25 15:39	PB170632
Aliphatic C9-C28	Aliphatic C9-C28	15.6		1	1.03	4.52	mg/kg	FE056937.D	11/19/25 15:39	PB170632
Total AliphaticEPH	Total AliphaticEPH	43.5			2.37	6.78	mg/kg			
Total EPH	Total EPH	43.5			2.37	6.78	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	15.6	1		1.03	4.52	mg/kg	11/19/25	PB170632
Aliphatic C28-C40	Aliphatic C28-C40	27.9	1		1.34	2.26	mg/kg	11/19/25	PB170632
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	26.3			40 - 140	53%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	28.0			40 - 140	56%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3662-04	Acq On:	19 Nov 2025 15:39
Client Sample ID:	B1-0.0-1.0-20251117	Operator:	YP\AJ
Data file:	FE056937.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.209	6.832	484509	2.831	300	ug/ml
Aliphatic C12-C16	6.833	10.276	2813984	15.742	200	ug/ml
Aliphatic C16-C21	10.277	13.648	14506096	77.778	300	ug/ml
Aliphatic C21-C28	13.649	17.318	21202667	109.992	400	ug/ml
Aliphatic C28-C40	17.319	22.247	58903474	369.73	600	ug/ml
Aliphatic EPH	3.209	22.247	97910730	576.073		ug/ml
ortho-Terphenyl (SURR)	11.945	11.945	5850823	28.01		ug/ml
1-chlorooctadecane (SURR)	13.381	13.381	4236962	26.3		ug/ml
Aliphatic C9-C28	3.209	17.318	39007256	206.343	1200	ug/ml