

Report of Analysis

Client:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	PB170578BSD	SDG No.:	Q3649
Lab Sample ID:	PB170578BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 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	20.7		1	1.18	2.00	mg/kg	FE056872.D	11/17/25 15:39	PB170578
Aliphatic C9-C28	Aliphatic C9-C28	62.6		1	0.91	4.00	mg/kg	FE056872.D	11/17/25 15:39	PB170578
Total AliphaticEPH	Total AliphaticEPH	83.3			2.09	6.00	mg/kg			
Total EPH	Total EPH	83.3			2.09	6.00	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	62.6	1		0.91	4.00	mg/kg	11/17/25	PB170578
Aliphatic C28-C40	Aliphatic C28-C40	20.7	1		1.18	2.00	mg/kg	11/17/25	PB170578
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	26.2			40 - 140	52%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	30.2			40 - 140	60%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170578BSD	Acq On:	17 Nov 2025 15:39
Client Sample ID:	PB170578BSD	Operator:	YP\AJ
Data file:	FE056872.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.213	6.836	30525538	178.342	300	ug/ml
Aliphatic C12-C16	6.837	10.281	46852880	262.108	200	ug/ml
Aliphatic C16-C21	10.282	13.655	42264350	226.612	300	ug/ml
Aliphatic C21-C28	13.656	17.323	52348219	271.563	400	ug/ml
Aliphatic C28-C40	17.324	22.257	49513685	310.792	600	ug/ml
Aliphatic EPH	3.213	22.257	221504672	1250		ug/ml
ortho-Terphenyl (SURR)	11.951	11.951	6302921	30.17		ug/ml
1-chlorooctadecane (SURR)	13.387	13.387	4224440	26.22		ug/ml
Aliphatic C9-C28	3.213	17.323	171990987	938.625	1200	ug/ml