

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	MCUA - New Brunswick	Date Received:	
Client Sample ID:	PB170504BS	SDG No.:	Q3604
Lab Sample ID:	PB170504BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	11/12/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	19.6		1	1.18	2.00	mg/kg	FE056811.D	11/13/25 10:59	PB170504
Aliphatic C9-C28	Aliphatic C9-C28	65.6		1	0.91	3.99	mg/kg	FE056811.D	11/13/25 10:59	PB170504
Total AliphaticEPH	Total AliphaticEPH	85.2			2.09	5.99	mg/kg			
Total EPH	Total EPH	85.2			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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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	65.6	1		0.91	3.99	mg/kg	11/13/25	PB170504
Aliphatic C28-C40	Aliphatic C28-C40	19.6	1		1.18	2.00	mg/kg	11/13/25	PB170504
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	29.5			40 - 140	59%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	33.7			40 - 140	67%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170504BS	Acq On:	13 Nov 2025 10:59
Client Sample ID:	PB170504BS	Operator:	YP\AJ
Data file:	FE056811.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.214	6.836	30902600	180.545	300	ug/ml
Aliphatic C12-C16	6.837	10.282	42148195	235.788	200	ug/ml
Aliphatic C16-C21	10.283	13.654	48731110	261.285	300	ug/ml
Aliphatic C21-C28	13.655	17.323	59447114	308.39	400	ug/ml
Aliphatic C28-C40	17.324	22.256	46953028	294.719	600	ug/ml
Aliphatic EPH	3.214	22.256	228182047	1280		ug/ml
ortho-Terphenyl (SURR)	11.953	11.953	7033482	33.67		ug/ml
1-chlorooctadecane (SURR)	13.390	13.390	4750402	29.48		ug/ml
Aliphatic C9-C28	3.214	17.323	181229019	986.008	1200	ug/ml