

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/10/25
Project:	MCUA - New Brunswick	Date Received:	11/10/25
Client Sample ID:	S-1	SDG No.:	Q3604
Lab Sample ID:	Q3604-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.8
Sample Wt/Vol:	30.09 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	6.04		1	1.42	2.41	mg/kg	FE056813.D	11/13/25 11:59	PB170504
Aliphatic C9-C28	Aliphatic C9-C28	2.79	J	1	1.10	4.81	mg/kg	FE056813.D	11/13/25 11:59	PB170504
Total AliphaticEPH	Total AliphaticEPH	8.83			2.52	7.22	mg/kg			
Total EPH	Total EPH	8.83			2.52	7.22	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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Aliphatic C9-C28	Aliphatic C9-C28	2.79	J	1	1.10	4.81	mg/kg	11/13/25	PB170504
Aliphatic C28-C40	Aliphatic C28-C40	6.04		1	1.42	2.41	mg/kg	11/13/25	PB170504
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	26.3			40 - 140	53%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	31.9			40 - 140	64%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3604-01	Acq On:	13 Nov 2025 11:59
Client Sample ID:	S-1	Operator:	YP\AJ
Data file:	FE056813.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.214	6.836	361458	2.112	300	ug/ml
Aliphatic C12-C16	6.837	10.282	950871	5.319	200	ug/ml
Aliphatic C16-C21	10.283	13.654	5094185	27.314	300	ug/ml
Aliphatic C21-C28	13.655	17.323	1151775	5.975	400	ug/ml
Aliphatic C28-C40	17.324	22.256	11992573	75.276	600	ug/ml
Aliphatic EPH	3.214	22.256	19550862	115.996		ug/ml
ortho-Terphenyl (SURR)	11.952	11.952	6668866	31.92		ug/ml
1-chlorooctadecane (SURR)	13.389	13.389	4232525	26.27		ug/ml
Aliphatic C9-C28	3.214	17.323	7558289	40.72	1200	ug/ml