

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	MCUA - New Brunswick	Date Received:	
Client Sample ID:	S-1MSD	SDG No.:	Q3604
Lab Sample ID:	Q3604-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.8
Sample Wt/Vol:	30.01 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	32.9		1	1.42	2.41	mg/kg	FE056817.D	11/13/25 13:59	PB170504
Aliphatic C9-C28	Aliphatic C9-C28	66.5		1	1.10	4.84	mg/kg	FE056817.D	11/13/25 13:59	PB170504
Total AliphaticEPH	Total AliphaticEPH	99.4			2.52	7.25	mg/kg			
Total EPH	Total EPH	99.4			2.52	7.25	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	66.5	1		1.10	4.84	mg/kg	11/13/25	PB170504
Aliphatic C28-C40	Aliphatic C28-C40	32.9	1		1.42	2.41	mg/kg	11/13/25	PB170504
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	22.5			40 - 140	45%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	25.9			40 - 140	52%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3604-01MSD	Acq On:	13 Nov 2025 13:59
Client Sample ID:	S-1MSD	Operator:	YP\AJ
Data file:	FE056817.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.214	6.836	24055290	140.541	300	ug/ml
Aliphatic C12-C16	6.837	10.282	34541703	193.236	200	ug/ml
Aliphatic C16-C21	10.283	13.654	41829678	224.281	300	ug/ml
Aliphatic C21-C28	13.655	17.323	51381133	266.546	400	ug/ml
Aliphatic C28-C40	17.324	22.256	65042162	408.262	600	ug/ml
Aliphatic EPH	3.214	22.256	216849966	1230		ug/ml
ortho-Terphenyl (SURR)	11.952	11.952	5414422	25.92		ug/ml
1-chlorooctadecane (SURR)	13.389	13.389	3630982	22.54		ug/ml
Aliphatic C9-C28	3.214	17.323	151807804	824.604	1200	ug/ml