

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	B-3-5-2	SDG No.:	Q2818
Lab Sample ID:	Q2818-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/12/25 08:45	08/13/25 9:48	PB169207

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	137		5	6.61	11.2	mg/kg	FE055284.D
Aliphatic C9-C28	Aliphatic C9-C28	60.6		1	1.02	4.48	mg/kg	FE055260.D
Total AliphaticEPH	Total AliphaticEPH	198			7.63	15.7	mg/kg	
Total EPH	Total EPH	198			7.63	15.7	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055260.D	1	08/12/25	08/12/25	PB169207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	60.6		1.02	4.48	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	127	E	1.32	2.24	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.5		40 - 140	97%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	47.7		40 - 140	95%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2818-02	Acq On:	12 Aug 2025 16:57
Client Sample ID:	B-3-5-2	Operator:	YP\AJ
Data file:	FE055260.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.959	2939994	25.175	300	ug/ml
Aliphatic C12-C16	6.960	10.413	7929563	63.321	200	ug/ml
Aliphatic C16-C21	10.414	13.793	30479203	241.124	300	ug/ml
Aliphatic C21-C28	13.794	17.466	58136525	482.438	400	ug/ml
Aliphatic C28-C40	17.467	22.498	194490719	1710	600	ug/ml
Aliphatic EPH	3.323	22.498	293976004	2520		ug/ml
ortho-Terphenyl (SURR)	12.091	12.091	6816848	47.74		ug/ml
1-chlorooctadecane (SURR)	13.527	13.527	5219546	48.54		ug/ml
Aliphatic C9-C28	3.323	17.466	99485285	812.058	1200	ug/ml