

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	Reserve Turgyan Farms	Date Received:	
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTMS	SDG No.:	Q2818
Lab Sample ID:	Q2830-03MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
Sample Wt/Vol:	30.06 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 0:13	PB169207

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	33.2		1	1.38	2.33	mg/kg	FC069649.D
Aliphatic C9-C28	Aliphatic C9-C28	72.4		1	1.06	4.67	mg/kg	FC069649.D
Total AliphaticEPH	Total AliphaticEPH	106			2.44	7.00	mg/kg	
Total EPH	Total EPH	106			2.44	7.00	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069649.D	1	08/12/25	08/13/25	PB169207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	72.4		1.06	4.67	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	33.2		1.38	2.33	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.5		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.4		40 - 140	69%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2830-03MS	Acq On:	13 Aug 2025 00:13
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTMS	Operator:	YP/AJ
Data file:	FC069649.D	Misc:	
Instrument:	FID_C	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	16061289	111.013	300	ug/ml
Aliphatic C12-C16	6.595	9.998	33020754	230.214	200	ug/ml
Aliphatic C16-C21	9.999	13.367	36696695	274.756	300	ug/ml
Aliphatic C21-C28	13.368	17.032	37353007	315.727	400	ug/ml
Aliphatic C28-C40	17.033	22.008	40669580	426.685	600	ug/ml
Aliphatic EPH	3.296	22.008	163801325	1360		ug/ml
ortho-Terphenyl (SURR)	11.666	11.666	5132110	34.4		ug/ml
1-chlorooctadecane (SURR)	13.101	13.101	3978577	36.49		ug/ml
Aliphatic C9-C28	3.296	17.032	123131745	931.71	1200	ug/ml