

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-2-5-1DL	SDG No.:	Q2818
Lab Sample ID:	Q2818-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055283.D	10	08/12/25	08/13/25	PB169207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	99.3		10.4	45.6	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	177		13.5	22.8	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	6.61		40 - 140	132%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	6.24		40 - 140	125%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2818-01DL	Acq On:	13 Aug 2025 09:17
Client Sample ID:	B-2-5-1DL	Operator:	YP\AJ
Data file:	FE055283.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.320	6.955	679748	5.821	300	ug/ml
Aliphatic C12-C16	6.956	10.408	2068283	16.516	200	ug/ml
Aliphatic C16-C21	10.409	13.788	7825523	61.908	300	ug/ml
Aliphatic C21-C28	13.789	17.461	5582187	46.323	400	ug/ml
Aliphatic C28-C40	17.462	22.486	26627313	233.599	600	ug/ml
Aliphatic EPH	3.320	22.486	42783054	364.167		ug/ml
ortho-Terphenyl (SURR)	12.083	12.083	891597	6.24		ug/ml
1-chlorooctadecane (SURR)	13.521	13.521	711160	6.61		ug/ml
Aliphatic C9-C28	3.320	17.461	16155741	130.568	1200	ug/ml