

Report of Analysis

Client:	G Environmental	Date Collected:	09/24/25
Project:	TGP	Date Received:	09/24/25
Client Sample ID:	RB105DL	SDG No.:	Q3192
Lab Sample ID:	Q3192-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016652.D	20	09/25/25	09/25/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	2.98	U	2.98	21.3	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.34	U	2.34	14.2	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	14.4	J	2.77	21.3	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	216		11.3	28.4	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	536		25.1	42.6	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	2.14		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3192-02DL	Acq On:	25 Sep 2025 17:52
Client Sample ID:	RB105DL	Operator:	YP\AJ
Data file:	FG016652.D	Misc:	
Instrument:	FID_G	ALS Vial:	35
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.279	6.920	181873	1.575	300	ug/ml
Aliphatic C12-C16	6.921	10.379	475691	3.944	200	ug/ml
Aliphatic C16-C21	10.380	13.768	1313380	10.158	300	ug/ml
Aliphatic C21-C28	13.769	17.453	19656457	152.565	400	ug/ml
Aliphatic C28-C40	17.454	22.488	38382324	378.453	600	ug/ml
Aliphatic EPH	3.279	22.488	60009725	546.695		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.509	13.509	241549	2.14		ug/ml
Aliphatic C9-C28	3.279	17.453	21627401	168.242	1200	ug/ml