

Report of Analysis

Client:	G Environmental	Date Collected:	09/24/25
Project:	TGP	Date Received:	09/24/25
Client Sample ID:	RB105	SDG No.:	Q3192
Lab Sample ID:	Q3192-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016649.D	1	09/25/25	09/25/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	1.21		0.15	1.06	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	4.76		0.12	0.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	14.1		0.14	1.06	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	215	E	0.56	1.42	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	485	E	1.26	2.13	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	57.5		40 - 140	115%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	4.06		40 - 140	8%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3192-02	Acq On:	25 Sep 2025 16:20
Client Sample ID:	RB105	Operator:	YP\AJ
Data file:	FG016649.D	Misc:	
Instrument:	FID_G	ALS Vial:	32
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.279	6.920	1966562	17.026	300	ug/ml
Aliphatic C12-C16	6.921	10.379	8100835	67.164	200	ug/ml
Aliphatic C16-C21	10.380	13.768	25716123	198.904	300	ug/ml
Aliphatic C21-C28	13.769	17.453	391376576	3040	400	ug/ml
Aliphatic C28-C40	17.454	22.488	694535334	6850	600	ug/ml
Aliphatic EPH	3.279	22.488	1121695430	10200		ug/ml
ortho-Terphenyl (SURR)	12.042	12.042	578921	4.06		ug/ml
1-chlorooctadecane (SURR)	13.514	13.514	6494613	57.54		ug/ml
Aliphatic C9-C28	3.279	17.453	427160096	3320	1200	ug/ml