

Report of Analysis

Client:	G Environmental	Date Collected:	05/01/25
Project:	Amsterdam	Date Received:	05/01/25
Client Sample ID:	GB2	SDG No.:	Q1939
Lab Sample ID:	Q1939-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/02/25 09:15	05/02/25 19:24	PB167833

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	3.28		1	1.51	2.56	mg/kg FE053630.D
Aliphatic C9-C28	Aliphatic C9-C28	88.5		1	1.16	5.12	mg/kg FE053630.D
Total AliphaticEPH	Total AliphaticEPH	91.8			2.67	7.68	mg/kg
Total EPH	Total EPH	91.8			2.67	7.68	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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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053630.D	1	05/02/25	05/02/25	PB167833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	88.5		1.16	5.12	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.28		1.51	2.56	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.3		40 - 140	45%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	21.5		40 - 140	43%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1939-03	Acq On:	02 May 2025 19:24
Client Sample ID:	GB2	Operator:	YP\AJ
Data file:	FE053630.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.114	6.755	10468117	75.548	300	ug/ml
Aliphatic C12-C16	6.756	10.204	77015519	543.104	200	ug/ml
Aliphatic C16-C21	10.205	13.579	56743374	390.354	300	ug/ml
Aliphatic C21-C28	13.580	17.248	4064777	28.59	400	ug/ml
Aliphatic C28-C40	17.249	22.135	4960118	38.436	600	ug/ml
Aliphatic EPH	3.114	22.135	153251905	1080		ug/ml
ortho-Terphenyl (SURR)	11.865	11.865	3877342	21.5		ug/ml
1-chlorooctadecane (SURR)	13.311	13.311	3020419	22.34		ug/ml
Aliphatic C9-C28	3.114	17.248	148291787	1040	1200	ug/ml