

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	BACK-1-FLOOR-CENTER-MIDDLE-C	SDG No.:	Q2892
Lab Sample ID:	Q2892-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/21/25 11:00	08/22/25 17:58	PB169364

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.17	J	1	0.16	1.13	mg/kg	FC069711.D
Aliphatic C12-C16	Aliphatic C12-C16	0.32	J	1	0.12	0.75	mg/kg	FC069711.D
Aliphatic C16-C21	Aliphatic C16-C21	0.30	J	1	0.15	1.13	mg/kg	FC069711.D
Aliphatic C21-C28	Aliphatic C21-C28	0.60	U	1	0.60	1.50	mg/kg	FC069711.D
Aliphatic C28-C40	Aliphatic C28-C40	2.05	J	1	1.33	2.25	mg/kg	FC069711.D
Aromatic C10-C12	Aromatic C10-C12	0.24	J	1	0.14	0.75	mg/kg	FD049658.D
Aromatic C12-C16	Aromatic C12-C16	5.67		1	0.26	1.13	mg/kg	FD049658.D
Aromatic C16-C21	Aromatic C16-C21	1.61	J	1	0.45	1.88	mg/kg	FD049658.D
Aromatic C21-C36	Aromatic C21-C36	2.45	J	1	1.34	3.00	mg/kg	FD049658.D
Total AliphaticEPH	Total AliphaticEPH	2.84	J		2.36	6.76	mg/kg	
Total AromaticEPH	Total AromaticEPH	9.96			2.19	6.76	mg/kg	
Total EPH	Total EPH	12.8	J		4.54	13.5	mg/kg	

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
FC069711.D	1	08/21/25	08/22/25	PB169364

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.17	J	0.16	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.32	J	0.12	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.30	J	0.15	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.60	U	0.60	1.50	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.05	J	1.33	2.25	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	53.3		40 - 140	107%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2892-05	Acq On:	22 Aug 2025 17:58
Client Sample ID:	BACK-1-FLOOR-CENTEF	Operator:	YP/AJ
Data file:	FC069711.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.298	6.594	331466	2.291	300	ug/ml
Aliphatic C12-C16	6.595	9.996	602627	4.201	200	ug/ml
Aliphatic C16-C21	9.997	13.364	535388	4.009	300	ug/ml
Aliphatic C21-C28	13.365	17.031	537099	4.54	400	ug/ml
Aliphatic C28-C40	17.032	22.001	2605082	27.331	600	ug/ml
Aliphatic EPH	3.298	22.001	4611662	42.372		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.102	13.102	5810526	53.3		ug/ml
Aliphatic C9-C28	3.298	17.031	2006580	15.041	1200	ug/ml