

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:	1-FLOOR-NORTH-EAST-CORNER-BACK-A	SDG No.:	Q2892
Lab Sample ID:	Q2892-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.8
Sample Wt/Vol:	30.03 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	08/25/25 11:44	PB169364

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.22	J	1	0.16	1.11	mg/kg	FC069720.D
Aliphatic C12-C16	Aliphatic C12-C16	0.33	J	1	0.12	0.74	mg/kg	FC069720.D
Aliphatic C16-C21	Aliphatic C16-C21	0.34	J	1	0.14	1.11	mg/kg	FC069720.D
Aliphatic C21-C28	Aliphatic C21-C28	0.59	U	1	0.59	1.48	mg/kg	FC069720.D
Aliphatic C28-C40	Aliphatic C28-C40	2.48		1	1.31	2.22	mg/kg	FC069720.D
Aromatic C10-C12	Aromatic C10-C12	0.30	J	1	0.13	0.74	mg/kg	FD049656.D
Aromatic C12-C16	Aromatic C12-C16	0.40	J	1	0.26	1.11	mg/kg	FD049656.D
Aromatic C16-C21	Aromatic C16-C21	2.29		1	0.45	1.85	mg/kg	FD049656.D
Aromatic C21-C36	Aromatic C21-C36	2.06	J	1	1.32	2.97	mg/kg	FD049656.D
Total AliphaticEPH	Total AliphaticEPH	3.37	J		2.32	6.66	mg/kg	
Total AromaticEPH	Total AromaticEPH	5.05	J		2.15	6.67	mg/kg	
Total EPH	Total EPH	8.41	J		4.48	13.3	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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Lab Sample ID:	Q2892-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	89.8	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069720.D	1	08/21/25	08/25/25	PB169364

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.22	J	0.16	1.11	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.33	J	0.12	0.74	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.34	J	0.14	1.11	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.59	U	0.59	1.48	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.48		1.31	2.22	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.8		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2892-01	Acq On:	25 Aug 2025 11:44
Client Sample ID:	1-FLOOR-NORTH-EAST-4	Operator:	YP/AJ
Data file:	FC069720.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.297	6.594	422010	2.917	300	ug/ml
Aliphatic C12-C16	6.595	9.997	640037	4.462	200	ug/ml
Aliphatic C16-C21	9.998	13.365	609127	4.561	300	ug/ml
Aliphatic C21-C28	13.366	17.031	635245	5.369	400	ug/ml
Aliphatic C28-C40	17.032	22.006	3190889	33.477	600	ug/ml
Aliphatic EPH	3.297	22.006	5497308	50.786		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.100	13.100	3247552	29.79		ug/ml
Aliphatic C9-C28	3.297	17.031	2306419	17.309	1200	ug/ml