

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	
Project:	245 Greenwood Ave	Date Received:	
Client Sample ID:	PB156949BSD	SDG No.:	O5252
Lab Sample ID:	PB156949BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
11/07/23 08:55	11/07/23 21:55	PB156949

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.62		1	0.24	1.00	mg/kg	FC065040.D
Aliphatic C12-C16	Aliphatic C12-C16	5.08		1	0.14	0.67	mg/kg	FC065040.D
Aliphatic C16-C21	Aliphatic C16-C21	8.85		1	0.21	1.00	mg/kg	FC065040.D
Aliphatic C21-C28	Aliphatic C21-C28	12.2		1	0.46	1.33	mg/kg	FC065040.D
Aliphatic C28-C40	Aliphatic C28-C40	17.5		1	1.02	2.00	mg/kg	FC065040.D
Aromatic C10-C12	Aromatic C10-C12	4.04		1	0.15	0.67	mg/kg	FD046841.D
Aromatic C12-C16	Aromatic C12-C16	7.45		1	0.15	1.00	mg/kg	FD046841.D
Aromatic C16-C21	Aromatic C16-C21	14.8		1	0.30	1.67	mg/kg	FD046841.D
Aromatic C21-C36	Aromatic C21-C36	24.2		1	0.39	2.66	mg/kg	FD046841.D
Total AliphaticEPH	Total AliphaticEPH	49.3			2.07	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	50.5			0.99	6.00	mg/kg	
Total EPH	Total EPH	99.7			3.06	12.0	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



284 Sheffield Street, Mountainside NJ 07092 Phone: 908 789 8900 Fax : 908 789 8922

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Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC065040.D	1	11/07/23	11/07/23	PB156949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.62		0.24	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.08		0.14	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.85		0.21	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.2		0.46	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	17.5		1.02	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.4		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB156949BSD	Acq On:	07 Nov 2023 21:55
Client Sample ID:	PB156949BSD	Operator:	YP/AJ
Data file:	FC065040.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.211	6.483	16112223	84.448	300	ug/ml
Aliphatic C12-C16	6.484	9.865	14405292	76.276	200	ug/ml
Aliphatic C16-C21	9.866	13.214	24088853	132.824	300	ug/ml
Aliphatic C21-C28	13.215	16.858	29925452	182.657	400	ug/ml
Aliphatic C28-C40	16.859	21.689	40105322	262.784	600	ug/ml
Aliphatic EPH	3.211	21.689	124637142	738.989		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.947	12.947	6227333	39.39		ug/ml
Aliphatic C9-C28	3.211	16.858	84531820	476.205	1200	ug/ml