

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	
Project:	245 Greenwood Ave	Date Received:	
Client Sample ID:	T-1MSD	SDG No.:	O5252
Lab Sample ID:	O5251-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.6
Sample Wt/Vol:	30.04 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	11/08/23 0:24	PB156949

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.34		1	0.29	1.22	mg/kg	FC065044.D
Aliphatic C12-C16	Aliphatic C12-C16	5.91		1	0.17	0.82	mg/kg	FC065044.D
Aliphatic C16-C21	Aliphatic C16-C21	9.17		1	0.26	1.22	mg/kg	FC065044.D
Aliphatic C21-C28	Aliphatic C21-C28	12.3		1	0.56	1.63	mg/kg	FC065044.D
Aliphatic C28-C40	Aliphatic C28-C40	17.8		1	1.25	2.45	mg/kg	FC065044.D
Aromatic C10-C12	Aromatic C10-C12	4.79		1	0.18	0.82	mg/kg	FD046845.D
Aromatic C12-C16	Aromatic C12-C16	9.07		1	0.18	1.22	mg/kg	FD046845.D
Aromatic C16-C21	Aromatic C16-C21	19.1		1	0.37	2.04	mg/kg	FD046845.D
Aromatic C21-C36	Aromatic C21-C36	32.3		1	0.48	3.26	mg/kg	FD046845.D
Total AliphaticEPH	Total AliphaticEPH	51.5			2.54	7.34	mg/kg	
Total AromaticEPH	Total AromaticEPH	65.3			1.21	7.34	mg/kg	
Total EPH	Total EPH	117			3.75	14.7	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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Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC065044.D	1	11/07/23	11/08/23	PB156949

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.34		0.29	1.22	mg/kg
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Aliphatic C16-C21	Aliphatic C16-C21	9.17		0.26	1.22	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.3		0.56	1.63	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	17.8		1.25	2.45	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.0		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	O5251-01MSD	Acq On:	08 Nov 2023 00:24
Client Sample ID:	O5251-01MSD	Operator:	YP/AJ
Data file:	FC065044.D	Misc:	
Instrument:	FID_C	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.211	6.483	14824529	77.699	300	ug/ml
Aliphatic C12-C16	6.484	9.865	13683755	72.456	200	ug/ml
Aliphatic C16-C21	9.866	13.214	20377496	112.36	300	ug/ml
Aliphatic C21-C28	13.215	16.858	24783706	151.273	400	ug/ml
Aliphatic C28-C40	16.859	21.689	33215414	217.639	600	ug/ml
Aliphatic EPH	3.211	21.689	106884900	631.426		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.946	12.946	5530563	34.98		ug/ml
Aliphatic C9-C28	3.211	16.858	73669486	413.788	1200	ug/ml