

SAMPLE DATA



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

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/03/23 11:20
Project:	245 Greenwood Ave	Date Received:	11/03/23
Client Sample ID:	WASTE	SDG No.:	O5252
Lab Sample ID:	O5252-01	Matrix:	SOIL
		% Solid:	90.6

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.060	U	1	0.060	0.27	mg/Kg	11/09/23 10:25	11/09/23 14:47	9012B
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		11/08/23 15:30	9095B

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

QC RESULT SUMMARY



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Initial and Continuing Calibration Verification

Client: RMJ Environomics, Inc.

SDG No.: O5252

Project: 245 Greenwood Ave

RunNo.: LB128256

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Cyanide		mg/L	0.096	0.099	97	90-110	11/09/2023
Sample ID:	CCV1						
Cyanide		mg/L	0.25	0.25	100	90-110	11/09/2023
Sample ID:	CCV2						
Cyanide		mg/L	0.25	0.25	100	90-110	11/09/2023
Sample ID:	CCV3						
Cyanide		mg/L	0.25	0.25	100	90-110	11/09/2023
Sample ID:	CCV4						
Cyanide		mg/L	0.26	0.25	104	90-110	11/09/2023



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Initial and Continuing Calibration Blank Summary

Client: RMJ Environomics, Inc.

SDG No.: O5252

Project: 245 Greenwood Ave

RunNo.: LB128256

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.0010	0.005	11/09/2023
Sample ID: CCB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.0010	0.005	11/09/2023
Sample ID: CCB2 Cyanide	mg/L	< 0.0025	0.0025	U	0.0010	0.005	11/09/2023
Sample ID: CCB3 Cyanide	mg/L	< 0.0025	0.0025	U	0.0010	0.005	11/09/2023
Sample ID: CCB4 Cyanide	mg/L	< 0.0025	0.0025	U	0.0010	0.005	11/09/2023

Preparation Blank Summary

Client:	RMJ Environomics, Inc.	SDG No.:	O5252
Project:	245 Greenwood Ave		

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: Cyanide	PB157028BL mg/Kg	< 0.1250	0.1250	U	0.057	0.25	11/09/2023



Matrix Spike Summary

Client:

RMJ Environomics, Inc.

SDG No.:

O5252

Project:

245 Greenwood Ave

Sample ID:

O5253-04

Client ID:

L-3(195FT)(0-5)MS

Percent Solids for Spike Sample:

91.3

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	2.30		0.061	U	2.1	1	110		11/09/2023

Matrix Spike Summary

Client:	RMJ Environomics, Inc.	SDG No.:	O5252
Project:	245 Greenwood Ave	Sample ID:	O5253-04
Client ID:	L-3(195FT)(0-5)MSD	Percent Solids for Spike Sample:	91.3

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	2.40		0.061	U	2.1	1	114		11/09/2023

A
B
C
D
E
F

Duplicate Sample Summary

Client:	RMJ Environomics, Inc.	SDG No.:	O5252
Project:	245 Greenwood Ave	Sample ID:	O5253-04
Client ID:	L-3(195FT)(0-5)DUP	Percent Solids for Spike Sample:	91.3

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	0.061	U	0.061	U	1	0		11/09/2023

A
B
C
D
E
F

Duplicate Sample Summary

Client:	RMJ Environomics, Inc.	SDG No.:	O5252
Project:	245 Greenwood Ave	Sample ID:	O5253-04
Client ID:	L-3(195FT)(0-5)MSD	Percent Solids for Spike Sample:	91.3

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	2.30		2.40		1	4		11/09/2023

A
B
C
D
E
F



Duplicate Sample Summary

Client:

RMJ Environomics, Inc.

Project:

245 Greenwood Ave

Client ID:

TP-2DUP

SDG No.:

O5252

Sample ID:

O5295-04

Percent Solids for Spike Sample:

100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Paint Filter	ml/100gm	+/-20	1.00	U	1.00	U	1	0		11/08/2023



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Laboratory Control Sample Summary

Client:

RMJ Environomics, Inc.

SDG No.:

O5252

Project:

245 Greenwood Ave

Run No.:

LB128256

Analyte		Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB157028BS								
Cyanide		mg/Kg	5	4.90		98	1	85-115	11/09/2023



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Instrument ID: FILTER/GRAVIMETRIC

Daily Analysis Runlog For Sequence/QC Batch ID # LB128232

Review By	Rubina	Review On	11/8/2023 4:53:04 PM
Supervise By	Iwona	Supervise On	11/9/2023 11:29:06 AM
SubDirectory	LB128232	Test	Paint Filter
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	N/A		

Sr#	SampleID	ClientID	QcType	Date	Comment	Operator	Status
1	O5252-01	WASTE	SAM	11/08/23 15:30		Rubina	OK
2	O5270-01	OR-3-110623	SAM	11/08/23 15:38		Rubina	OK
3	O5279-01	TP-1	SAM	11/08/23 15:45		Rubina	OK
4	O5279-04	TP-1	SAM	11/08/23 15:52		Rubina	OK
5	O5279-05	MH-1	SAM	11/08/23 16:00		Rubina	OK
6	O5279-08	MH-1	SAM	11/08/23 16:07		Rubina	OK
7	O5295-01	TP-2	SAM	11/08/23 16:15		Rubina	OK
8	O5295-04	TP-2	SAM	11/08/23 16:22		Rubina	OK
9	O5295-04DUP	TP-2DUP	DUP	11/08/23 16:30		Rubina	OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB128256

Review By	Rubina	Review On	11/10/2023 9:26:03 AM
Supervise By	Iwona	Supervise On	11/10/2023 9:28:45 AM
SubDirectory	LB128256	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP105218,WP105219,WP105220,WP105221,WP105222,WP105223,WP105224		
ICV Standard	W2162		
CCV Standard	WP105219		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP105082		
Chk Standard	WP104150,WP104494,WP105226		

Sr#	SampleID	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/09/23 10:01		Iwona	OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/09/23 10:01		Iwona	OK
3	10PPBCN	10PPBCN	CAL3	11/09/23 10:01		Iwona	OK
4	50PPBCN	50PPBCN	CAL4	11/09/23 10:01		Iwona	OK
5	100PPBCN	100PPBCN	CAL5	11/09/23 10:01		Iwona	OK
6	250PPBCN	250PPBCN	CAL6	11/09/23 10:01		Iwona	OK
7	500PPBCN	500PPBCN	CAL7	11/09/23 10:01		Iwona	OK
8	ICV1	ICV1	ICV	11/09/23 14:40		Iwona	OK
9	ICB1	ICB1	ICB	11/09/23 14:40		Iwona	OK
10	CCV1	CCV1	CCV	11/09/23 14:40		Iwona	OK
11	CCB1	CCB1	CCB	11/09/23 14:40		Iwona	OK
12	PB157028BL	PB157028BL	MB	11/09/23 14:40		Iwona	OK
13	PB157028BS	PB157028BS	LCS	11/09/23 14:40		Iwona	OK
14	HIGHPB157028	HIGHPB157028	SAM	11/09/23 14:47		Iwona	OK
15	O5237-01	111TH-ST-1	SAM	11/09/23 14:47		Iwona	OK
16	O5252-01	WASTE	SAM	11/09/23 14:47		Iwona	OK
17	O5253-01	L-1(65FT)(5-10)	SAM	11/09/23 14:47		Iwona	OK
18	O5253-02	L-6(0-5)	SAM	11/09/23 14:47		Iwona	OK
19	O5253-03	L-3(120FT)(0-5)	SAM	11/09/23 14:55		Iwona	OK
20	CCV2	CCV2	CCV	11/09/23 14:55		Iwona	OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB128256

Review By	Rubina	Review On	11/10/2023 9:26:03 AM
Supervise By	Iwona	Supervise On	11/10/2023 9:28:45 AM
SubDirectory	LB128256	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP105218,WP105219,WP105220,WP105221,WP105222,WP105223,WP105224		
ICV Standard	W2162		
CCV Standard	WP105219		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP105082		
Chk Standard	WP104150,WP104494,WP105226		

21	CCB2	CCB2	CCB	11/09/23 14:55		Iwona	OK
22	O5293-01	SB-1	SAM	11/09/23 14:55		Iwona	OK
23	O5293-02	SB-2	SAM	11/09/23 15:02		Iwona	OK
24	O5293-03	SB-3	SAM	11/09/23 15:02		Iwona	OK
25	O5293-05	SB-5	SAM	11/09/23 15:02		Iwona	OK
26	O5293-06	SB-6	SAM	11/09/23 15:02		Iwona	OK
27	O5293-07	SB-7	SAM	11/09/23 15:02		Iwona	OK
28	CCV3	CCV3	CCV	11/09/23 15:03		Iwona	OK
29	CCB3	CCB3	CCB	11/09/23 15:03		Iwona	OK
30	O5293-08	SB-8	SAM	11/09/23 15:03		Iwona	OK
31	O5312-01	P-4(170FT)(5-10)	SAM	11/09/23 15:03		Iwona	OK
32	O5312-02	DUP-03	SAM	11/09/23 15:03		Iwona	OK
33	O5312-03	P-2(200FT)(5-10)	SAM	11/09/23 15:09		Iwona	OK
34	LOWPB157028	LOWPB157028	SAM	11/09/23 15:30		Iwona	OK
35	O5253-04	L-3(195FT)(0-5)	SAM	11/09/23 15:30		Iwona	OK
36	O5253-04DUP	L-3(195FT)(0-5)DUP	DUP	11/09/23 15:30		Iwona	OK
37	O5253-04MS	L-3(195FT)(0-5)MS	MS	11/09/23 15:30		Iwona	OK
38	O5253-04MSD	L-3(195FT)(0-5)MSD	MSD	11/09/23 15:30		Iwona	OK
39	O5293-04	SB-4	SAM	11/09/23 15:36		Iwona	OK
40	CCV4	CCV4	CCV	11/09/23 15:36		Iwona	OK
41	CCB4	CCB4	CCB	11/09/23 15:36		Iwona	OK



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LAB CHRONICLE

OrderID:	O5252	OrderDate:	11/3/2023 2:14:16 PM
Client:	RMJ Environomics, Inc.	Project:	245 Greenwood Ave
Contact:	Jonathan Pereira	Location:	I31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
O5252-01	WASTE	SOIL			11/03/23 11:20			11/03/23
			Cyanide	9012B		11/09/23	11/09/23 14:47	
			Paint Filter	9095B			11/08/23 15:30	

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-20

SDG No : N/A

Matrix : SOIL

Pipette ID : WC

Balance ID : WC SC-4

Hood ID : HOOD#1

Block ID : MC-1, MC-2

Weigh By : IZ

Start Digest Date: 11/09/2023 Time : 10:25 Temp : 123 °C

End Digest Date: 11/09/2023 Time : 11:55 Temp : 127 °C

Final Batch 11/09/2023 12:20 126 °C
 11/09/2023 13:50 127 °C

Digestion tube ID : M5216

Block Thermometer ID : WC CYANIDE

Filter paper ID : N/A

Prep Technician Signature: 12

pH Meter ID : N/A

Supervisor Signature: 20

Standard Name	MLS USED	STD REF. # FROM LOG
LCSS	1.0ML	WP105082
MS/MSD SPIKE SOL.	0.4ML	WP103185
PBS003	50.0ML	W2606
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP102492
50% v/v H2SO4	5.0ML	WP102493
51% w/v MgCL2	2.0ML	WP102494
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	N/A
S5.0	S5.0	N/A	N/A
S10.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	0.5ML	W2162
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	5.0ML	WP103185
LOWSTD	LOWSTD	0.1ML	WP103185

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/09/23 14:05	12/09	12/09
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
O5237-01	11TH-ST-1	1.06	50	N/A	N/A	N/A	N/A	N/A	N/A
O5252-01	WASTE	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
O5253-01	L-1(65FT)(5-10)	1.05	50	N/A	N/A	N/A	N/A	N/A	N/A
O5253-02	L-6(0-5)	1.05	50	N/A	N/A	N/A	N/A	N/A	N/A
O5253-03	L-3(120FT)(0-5)	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
O5253-04	L-3(195FT)(0-5)	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
O5253-04DUP	L-3(195FT)(0-5)DUP	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
O5253-04MS	L-3(195FT)(0-5)MS	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
O5253-04MSD	L-3(195FT)(0-5)MSD	1.05	50	N/A	N/A	N/A	N/A	N/A	N/A
O5293-01	SB-1	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
O5293-02	SB-2	1.06	50	N/A	N/A	N/A	N/A	N/A	N/A
O5293-03	SB-3	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
O5293-04	SB-4	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
O5293-05	SB-5	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
O5293-06	SB-6	1.05	50	N/A	N/A	N/A	N/A	N/A	N/A
O5293-07	SB-7	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
O5293-08	SB-8	1.06	50	N/A	N/A	N/A	N/A	N/A	N/A
O5312-01	P-4(170FT)(5-10)	1.05	50	N/A	N/A	N/A	N/A	N/A	N/A
O5312-02	DUP-03	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
O5312-03	P-2(200FT)(5-10)	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
PB157028BL	PB157028BL	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
PB157028BS	LCS028	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A