

**Project ID:** 56896  
**Client:** Rachel Washburn  
**Received Date:** 02/03/25  
**Count:** 6 **TAT:** 3 Day



MicroTest Laboratories Inc. NVLAP Code: 200999-0  
3110 Gold Canal Dr. Ste. A. Rancho Cordova, CA 95670  
PH 916.567.9808 | FX 916.404.0302  
www.microtestlabsinc.com | service@microtestlabsinc.com

Project ID  
MT012556896

#### CLIENT INFORMATION

Company Rachel Washburn  
Name  
Address

Phone  
Email

#### SAMPLE

Date Thursday, January 30, 2025  
Time 2:00 PM

MicroTest  
Laboratories

Test Report

#### JOB SITE INFORMATION

Sampler  
Project  
Address

### POLARIZED LIGHT MICROSCOPY (PLM) CARB 435 Level B (0.1%) EPA METHOD 600 / R-93 / 116 & EPA – 40 CFR Appendix E to Subpart E of Part 763

Sample ID	Accession Number	Client Description	Laboratory Description	Non Fibrous / Fibrous Materials	Asbestiform Minerals %
1	56896-1	San Pascual Park- Western	Brown Soil Non-Fibrous Homogenous	100% Binder	None Detected
2	56896-2	Arroyo Path- East Side	Brown Soil Non-Fibrous Homogenous	100% Binder	None Detected
3	56896-3	San Pascual Park- Southern	Brown Soil Non-Fibrous Homogenous	100% Binder	None Detected
4	56896-4	Arroyo Casting Pond- Top Soil	Brown Soil Non-Fibrous Homogenous	100% Binder	None Detected
5	56896-5	Arroyo Casting Pond- Deep Soil	Brown Soil Non-Fibrous Homogenous	100% Binder	None Detected
6			Brown Soil Non-Fibrous Homogenous	100% Binder	None Detected

Date Received: Monday, February 03, 2025  
Date Analyzed: Thursday, February 06, 2025  
Date Reported: Thursday, February 06, 2025

Analyst: Nolan Starbuck

Authorized Signatory:

Kelly Favero - Lab Manager



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#### SAMPLE

Date Thursday, January 30, 2025  
Time 2:00 PM

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Laboratories

Notes and Definitions

#### JOB SITE INFORMATION

Sampler  
Project  
Address

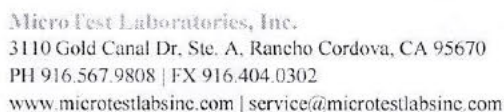
### POLARIZED LIGHT MICROSCOPY (PLM)

### EPA METHOD 600 / R-93 / 116 & EPA – 40 CFR Appendix E to Subpart E of Part 763

This analytical data sheet constitutes a final report. Due to the limitation of Polarized Light Microscopy (PLM), some samples classified as containing no asbestos in materials, NoneDetected (ND), such as floor tiles or like materials, warrant a recommendation for further analysis by Transmission Electron Microscopy (TEM). Results apply only to the sample as received. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. All Samples will be held for not less than 30 days, upon which they will then be disposed of. This report shall not be reproduced except in full without written authorization from MicroTest Laboratories, Inc. Soil and rock matrices are considered problematic matrices and MicroTest recommends sample homogenization prior to PLM analysis. Thermal decomposition of asbestos fibers can yield non-asbestiform mineral properties. The reporting limit for calibrated visual area estimation quantitation procedures is 1%. The reporting limit for 400/1000 point count quantitation procedures is 0.25% or 0.1% respectively. The sample is considered acceptable unless otherwise noted. Layers are analyzed separately except when manufactured with multiple layers (i.e. Linoleum, Drywall, etc.) or requested contrarily by the client.

Authorized Signatory:

Kelly Favero - Lab Manager



**Project ID:** M1128  
**Client:** Rachel Washburn  
**Received Date:** 02/03/25  
**Count:** 6 **TAT:** 3 Day

Company \_\_\_\_\_  
Name Rachel Washburn  
Address \_\_\_\_\_  
\_\_\_\_\_ \_\_\_\_\_  
Phone \_\_\_\_\_  
Email \_\_\_\_\_

SAMPLE

Date 1/30/25

Time 2:00pm

## MicroTest Laboratories

## Chain-Of-Custody

**Sampler**  
**Project**  
**Site**  
**Address**  
  
**Job #**  
**PO #**

Rush**	Paint Chip
Same Day**	Wipe
1-Day	Air
2-Day	Soil
X 3-Day	TTLIC*/STLC*
5-Day	TCLP*

**\*\*See TAT Guidelines for Details**

CAM 17

Single Analyte(s)

(6020) -Arsenic, (As) -Antimony, (Sb) -Barium, (Ba) -Beryllium, (Be) -Cadmium, (Cd) -Chromium, (Cr) -Cobalt, (Co) -Copper, (Cu) -Lead, (Pb) -Molybdenum, (Mo) -Nickel, (Ni) -Selenium, (Se) -Silver, (Ag) -Thallium, (Tl) -Vanadium, (V) -Zinc, (Zn) (7471) -Mercury, (Hg)

STLC

TCLP

pH

Other

RCRA 8

[illegible]

**Special Instructions:**

Relinquished by (Client)	Date/Time
Rashul Washu	1/30/25 2:00pm

Relinquished by (Lab)      Date/Time

Total Number of Samples 6

Received By (Lab) *BNC* Date/Time *2/3/25*  
*1030am*

Received By (Client)	Date/Time
----------------------	-----------

*TTLC\** Total Threshold Limit Concentration | *STLC\** Soluble Threshold Limit Concentration | *TCLP\** Toxicity Characteristic Leaching Procedure | *TAT\** Turnaround Time



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**Project ID**

**M1128**

**CLIENT INFORMATION**

**Company**  
**Name** Rachel Washburn  
**Address**

**Phone**  
**Email**

**SAMPLE**

**Date** Thursday, January 30, 2025  
**Time** 2:00PM

**JOB SITE INFORMATION**

**Sampler**  
**Site**  
**Address**

**MicroTest Laboratories**

**Analytical Data**

**Sample Summary**

Client Sample ID	Laboratory Sample ID	Matrix	Sample Date/Time	Date Received/Time
1	M1128-01		01/30/25 2:00PM	
2	M1128-02		01/30/25 2:00PM	
3	M1128-03		01/30/25 2:00PM	
4	M1128-04		01/30/25 2:00PM	
5	M1128-05		01/30/25 2:00PM	
6	M1128-06		1/30/25 2:00PM	

Special Instructions/Notes:

**Date Received:** Monday, February 3, 2025  
**Date Analyzed:** Thursday, February 6, 2025  
**Date Reported:** Thursday, February 6, 2025

Analyst: **Ry Jensen/Erich Bowman**

Authorized Signatory:

Kelly Favero - Lab Manager

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**Name** Rachel Washburn  
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**SAMPLE**

**Date** Thursday, January 30, 2025  
**Time** 2:00PM

**JOB SITE INFORMATION**

**Sampler**  
**Site**  
**Address**

**MicroTest Laboratories**

**Analytical Report**

**M1128-01**  
**1**

Analyte	Results	Units	Reporting			Batch	Prepared	Analyzed	Method	Notes
			Limit	Dilution						
Metals by EPA 6020 Method										
Arsenic, As	2.99	mg/kg	0.50	10	M020525	2/5/25	2/6/25	6020B ICP-MS		
Barium, Ba	92.03	"	0.50	10	"	"	"	"		
Cadmium, Cd	<RL	"	0.50	10	"	"	"	"		
Chromium, Cr	15.17	"	0.50	10	"	"	"	"		
Lead, Pb	31.09	"	0.50	10	"	"	"	"		
Selenium, Se	1.43	"	0.50	10	"	"	"	"		
Silver, Ag	<RL	"	0.50	10	"	"	"	"		

**Cold Vapor Extaction EPA 7470/7471**

Mercury, Hg	0.13	mg/kg	0.10	5	Hg020625	2/6/25	2/6/25	EPA 7471B Soil
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**Analyst:** Ry Jensen/Erich Bowman

**Authorized Signatory:**

  
Kelly Favero - Lab Manager

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**SAMPLE**

**Date** Thursday, January 30, 2025

**Time** 2:00PM

**JOB SITE INFORMATION**

**Sampler**

**Site**

**Address**

**MicroTest Laboratories**

**Analytical Report**

**M1128-02**

**2**

Analyte	Results	Units	Reporting			Batch	Prepared	Analyzed	Method	Notes
			Limit	Dilution						
Metals by EPA 6020 Method										
Arsenic, As	2.46	mg/kg	0.50	10	M020525	2/5/25	2/6/25	6020B ICP-MS		
Barium, Ba	71.13	"	0.50	10	"	"	"	"		
Cadmium, Cd	<RL	"	0.50	10	"	"	"	"		
Chromium, Cr	13.35	"	0.50	10	"	"	"	"		
Lead, Pb	20.55	"	0.50	10	"	"	"	"		
Selenium, Se	1.08	"	0.50	10	"	"	"	"		
Silver, Ag	<RL	"	0.50	10	"	"	"	"		

**Cold Vapor Extaction EPA 7470/7471**

Mercury, Hg	0.10	mg/kg	0.10	5	Hg020625	2/6/25	2/6/25	EPA 7471B Soil
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**Date Reported:** Thursday, February 6, 2025

**Analyst:** Ry Jensen/Erich Bowman

**Authorized Signatory:**

  
Kelly Favero - Lab Manager

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**SAMPLE**

**Date** Thursday, January 30, 2025

**Time** 2:00PM

**JOB SITE INFORMATION**

**Sampler**

**Site**

**Address**

**MicroTest Laboratories**

**Analytical Report**

**M1128-03**

**3**

Analyte	Results	Units	Reporting			Batch	Prepared	Analyzed	Method	Notes
			Limit	Dilution						
Metals by EPA 6020 Method										
Arsenic, As	2.52	mg/kg	0.50	10	M020525	2/5/25	2/6/25	6020B ICP-MS		
Barium, Ba	89.92	"	0.50	10	"	"	"	"		
Cadmium, Cd	<RL	"	0.50	10	"	"	"	"		
Chromium, Cr	13.75	"	0.50	10	"	"	"	"		
Lead, Pb	37.84	"	0.50	10	"	"	"	"		
Selenium, Se	1.25	"	0.50	10	"	"	"	"		
Silver, Ag	<RL	"	0.50	10	"	"	"	"		

**Cold Vapor Extaction EPA 7470/7471**

Mercury, Hg	0.22	mg/kg	0.10	5	Hg020625	2/6/25	2/6/25	EPA 7471B Soil
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**Authorized Signatory:**

  
Kelly Favero - Lab Manager

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**SAMPLE**

**Date** Thursday, January 30, 2025  
**Time** 2:00PM

**JOB SITE INFORMATION**

**Sampler**  
**Site**  
**Address**

**MicroTest Laboratories**

**Analytical Report**

**M1128-04**

**4**

Analyte	Results	Units	Reporting			Batch	Prepared	Analyzed	Method	Notes
			Limit	Dilution						
Metals by EPA 6020 Method										
Arsenic, As	4.05	mg/kg	0.50	10	M020525	2/5/25	2/6/25	6020B ICP-MS		
Barium, Ba	105.89	"	0.50	10	"	"	"	"		
Cadmium, Cd	<RL	"	0.50	10	"	"	"	"		
Chromium, Cr	15.04	"	0.50	10	"	"	"	"		
Lead, Pb	28.09	"	0.50	10	"	"	"	"		
Selenium, Se	1.33	"	0.50	10	"	"	"	"		
Silver, Ag	<RL	"	0.50	10	"	"	"	"		

**Cold Vapor Extaction EPA 7470/7471**

Mercury, Hg	0.20	mg/kg	0.10	5	Hg020625	2/6/25	2/6/25	EPA 7471B Soil
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**Analyst:** Ry Jensen/Erich Bowman

**Authorized Signatory:**

  
Kelly Favero - Lab Manager

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**Date** Thursday, January 30, 2025  
**Time** 2:00PM

**JOB SITE INFORMATION**

**Sampler**  
**Site**  
**Address**

**MicroTest Laboratories**

**Analytical Report**

**M1128-05**  
**5**

Analyte	Results	Units	Reporting			Batch	Prepared	Analyzed	Method	Notes
			Limit	Dilution						
Metals by EPA 6020 Method										
Arsenic, As	4.59	mg/kg	0.50	10	M020525	2/5/25	2/6/25	6020B ICP-MS		
Barium, Ba	111.40	"	0.50	10	"	"	"	"		
Cadmium, Cd	0.56	"	0.50	10	"	"	"	"		
Chromium, Cr	16.31	"	0.50	10	"	"	"	"		
Lead, Pb	35.33	"	0.50	10	"	"	"	"		
Selenium, Se	1.43	"	0.50	10	"	"	"	"		
Silver, Ag	<RL	"	0.50	10	"	"	"	"		

**Cold Vapor Extaction EPA 7470/7471**

Mercury, Hg	0.18	mg/kg	0.10	5	Hg020625	2/6/25	2/6/25	EPA 7471B Soil
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**Analyst:** Ry Jensen/Erich Bowman

**Authorized Signatory:**

  
Kelly Favero - Lab Manager

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**Date** Thursday, January 30, 2025  
**Time** 2:00PM

**JOB SITE INFORMATION**

**Sampler**  
**Site**  
**Address**

**MicroTest Laboratories**

**Analytical Report**

**M1128-06**  
**6**

Analyte	Reporting								Notes
	Results	Units	Limit	Dilution	Batch	Prepared	Analyzed	Method	
Metals by EPA 6020 Method									
Arsenic, As	3.49	mg/kg	0.50	10	M020525	2/5/25	2/6/25	6020B ICP-MS	
Barium, Ba	124.80	"	0.50	10	"	"	"	"	
Cadmium, Cd	1.16	"	0.50	10	"	"	"	"	
Chromium, Cr	16.43	"	0.50	10	"	"	"	"	
Lead, Pb	29.06	"	0.50	10	"	"	"	"	
Selenium, Se	1.66	"	0.50	10	"	"	"	"	
Silver, Ag	<RL	"	0.50	10	"	"	"	"	

**Cold Vapor Extaction EPA 7470/7471**

Mercury, Hg	<RL	mg/kg	0.10	5	Hg020625	2/6/25	2/6/25	EPA 7471B Soil
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**Date Reported:** Thursday, February 6, 2025

**Analyst:** Ry Jensen/Erich Bowman

**Authorized Signatory:**

  
Kelly Favero - Lab Manager

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**Company**

**Name** Rachel Washburn

**Address**

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**Email**

**SAMPLE**

**Date** Thursday, January 30, 2025

**Time** 2:00PM

**JOB SITE INFORMATION**

**Sampler**

**Site**

**Address**

**MicroTest Laboratories**

**Notes and Definitions**

**Note Code**

RL	Reporting Limit
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit.
NR	NOT REPORTED
DRY	Sample results reported on a dry weight basis.
RPD	Relative Percent Difference
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS and LCSD were within acceptance criteria. The data is acceptable as no negative impact on data is expected.
QM-4x	The spike recovery was outside of QC acceptance limits for the MS and/or /MSD due to the analyte concentration being greater than 4 times the spike concentration. The QC batch was accepted based on LCS/LCSD recoveries within the acceptance limits.
B-06	This analyte was found in the method blank. The batch was accepted because the analyte was either not detected or greater than 10 times the blank value for all samples in the batch.
QR-03	The RPD value for the MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch was accepted based on acceptable results for the LCS/LCSD.

Analyst: **Ry Jensen/Erich Bowman**

Authorized Signatory:

Kelly Favero - Lab Manager

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**Date** Thursday, January 30, 2025  
**Time** 2:00PM

**JOB SITE INFORMATION**

**Sampler**  
**Site**  
**Address** 5

**MicroTest Laboratories**

**Analytical Data**

**Metals by EPA 6020B Method - Quality Control**

Analyte	Results	Reporting			Source		%REC		RPD		Notes
		Units	Limit	Spike Level	Results	%REC	Limit	RPD	Limit		

**BATCH M020525 EPA 3050B**

**BLANK ( M020525 -BLK1)**

Prepared: 2/5/25

Analyzed: 2/6/25

Arsenic, As	<RL	mg/kg	0.05
Barium, Ba	<RL	"	0.05
Cadmium, Cd	<RL	"	0.05
Chromium, Cr	<RL	"	0.05
Lead, Pb	<RL	"	0.05
Selenium, Se	<RL	"	0.05
Silver, Ag	<RL	"	0.05

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**Time** 2:00PM

**JOB SITE INFORMATION**

**Sampler**  
**Site**  
**Address** 5

**Phone**  
**Email**

**MicroTest Laboratories**

**Analytical Data**

**Metals by EPA 6020B Method - Quality Control**

Analyte	Results	Units	Reporting		Source		%REC		RPD		Notes
			Limit	Spike Level	Results	%REC	Limit	RPD	Limit	RPD	
BATCH M020525 EPA 3050B											
LCS ( M020525 -LCS1)			Prepared: 2/5/25				Analyzed: 2/6/25				
Arsenic, As	2.43	mg/kg	0.05	2.5		97	80-120				
Barium, Ba	2.39	"	0.05	2.5		96	80-120				
Cadmium, Cd	2.38	"	0.05	2.5		95	80-120				
Chromium, Cr	2.57	"	0.05	2.5		103	80-120				
Lead, Pb	2.49	"	0.05	2.5		100	80-120				
Selenium, Se	2.36	"	0.05	2.5		94	80-120				
Silver, Ag	2.50	"	0.05	2.5		100	80-120				
LCS Dup ( M020525 -LCSD1)			Prepared: 2/5/25				Analyzed: 2/6/25				
Arsenic, As	2.42	mg/kg	0.05	2.5		97	80-120	0.5	<20		
Barium, Ba	2.43	"	0.05	2.5		97	80-120	1.7	<20		
Cadmium, Cd	2.40	"	0.05	2.5		96	80-120	0.8	<20		
Chromium, Cr	2.53	"	0.05	2.5		101	80-120	1.6	<20		
Lead, Pb	2.49	"	0.05	2.5		100	80-120	0.1	<20		
Selenium, Se	2.29	"	0.05	2.5		92	80-120	2.7	<20		
Silver, Ag	2.50	"	0.05	2.5		100	80-120	0.3	<20		

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**Analyst:** Ry Jensen

**Authorized Signatory:**



Kelly Favero - Lab Manager

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3110 Gold Canal Dr, Ste. A, Rancho Cordova, CA 95670  
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www.microtestlabsinc.com | service@microtestlabsinc.com

\*\*\*for office use only\*\*\*

**Project ID**

**M1128**

**CLIENT INFORMATION**

**Company**  
**Name** Rachel Washburn  
**Address**

**Phone**  
**Email**

**SAMPLE**

**Date** Thursday, January 30, 2025  
**Time** 2:00PM

**JOB SITE INFORMATION**

**Sampler**  
**Site**  
**Address**

**MicroTest Laboratories**

Analytical Data

**Metals by EPA 6020B Method - Quality Control**

Analyte	Results	Reporting			Source		%REC		RPD		Notes
		Units	Limit	Spike Level	Results	%REC	Limit	RPD	Limit		
BATCH M020525 EPA 3050B											
Matrix Spike ( M020525 -MS1)	Source: M1128-01			Prepared: 2/5/25			Analyzed: 2/6/25				
Arsenic, As	5.8	mg/kg	0.5	2.5	3.0	112	75-125				
Barium, Ba	97.6	"	0.5	2.5	92.0	224	75-125				QM-4X
Cadmium, Cd	2.7	"	0.5	2.5	<RL	110	75-125				
Chromium, Cr	18.6	"	0.5	2.5	15.2	138	75-125				QM-4X
Lead, Pb	34.9	"	0.5	2.5	31.1	153	75-125				QM-4X
Selenium, Se	4.0	"	0.5	2.5	1.4	104	75-125				
Silver, Ag	2.6	"	0.5	2.5	<RL	104	75-125				
Matrix Spike ( M020525 -MSD1)	Source: M1128-01			Prepared: 2/5/25			Analyzed: 2/6/25				
Arsenic, As	5.2	mg/kg	0.5	2.5	3.0	89	75-125	10.8	<20		
Barium, Ba	91.4	"	0.5	2.5	92.0	-26	75-125	6.6	<20	QM-4X	
Cadmium, Cd	2.5	"	0.5	2.5	<RL	100	75-125	9.0	<20		
Chromium, Cr	16.7	"	0.5	2.5	15.2	62	75-125	10.7	<20	QM-4X	
Lead, Pb	32.2	"	0.5	2.5	31.1	44	75-125	8.1	<20	QM-4X	
Selenium, Se	3.3	"	0.5	2.5	1.4	77	75-125	18.8	<20		
Silver, Ag	2.4	"	0.5	2.5	<RL	95	75-125	9.0	<20		

**Date Received:** Monday, February 3, 2025  
**Date Analyzed:** Thursday, February 6, 2025  
**Date Reported:** Thursday, February 6, 2025

Analyst: Ry Jensen

Authorized Signatory:

Kelly Favero - Lab Manager

This report applies to the standards and procedures indicated and to the specific samples analyzed. Samples have NOT been corrected for blank values. EPA Method 6020B/3050B MOD.



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**Project ID**

**M1128**

**CLIENT INFORMATION**

**Company**  
**Name** Rachel Washburn  
**Address**

**Phone**  
**Email**

**SAMPLE**

**Date** Thursday, January 30, 2025  
**Time** 2:00PM

**JOB SITE INFORMATION**

**Sampler**  
**Site**  
**Address**

**MicroTest Laboratories**

**Analytical Data**

**Cold Vapor Extraction EPA 7470/7471 - Quality Control**

Analyte	Results	Units	Reporting		Source		%REC		RPD		Notes
			Limit	Spike Level	Results	%REC	Limit	RPD	Limit		
BATCH Hg020925 EPA 7471B Soil											
BLANK ( Hg020925 -BLK1)				Prepared: 2/6/25				Analyzed: 2/6/25			
Mercury, Hg	<RL	mg/kg	0.10								
LCS ( Hg020925 -LCS1)				Prepared: 2/6/25				Analyzed: 2/6/25			
Mercury, Hg	0.53	mg/kg	0.10	0.50		106	80-120				
LCS Dup ( Hg020925 -LCSD1)				Prepared: 2/6/25				Analyzed: 2/6/25			
Mercury, Hg	0.54	mg/kg	0.10	0.50		107	80-120	1.1	<20		
Matrix Spike ( Hg020925 -MS1)		Source:M1128-01		Prepared: 2/6/25				Analyzed: 2/6/25			
Mercury, Hg	0.66	mg/kg	0.10	0.50	0.13	106	80-120				
Matrix Spike ( Hg020925 -MSD1)		Source:M1128-01		Prepared: 2/6/25				Analyzed: 2/6/25			
Mercury, Hg	0.77	mg/kg	0.10	0.50	0.13	128	80-120	15.5	<20	QM-05	

**Date Received:** Monday, February 3, 2025  
**Date Analyzed:** Thursday, February 6, 2025  
**Date Reported:** Thursday, February 6, 2025

**Analyst:** Erich Bowman

**Authorized Signatory:**

  
Kelly Favero - Lab Manager

This report applies to the standards and procedures indicated and to the specific samples analyzed. Samples have NOT been corrected for blank values. EPA Method 7471B