



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J611489

Jeferson-Lewis-Hamilton-Herkimer-Oneida BOCES

Project Name: St. Joes Malone

Fred Hauck  
20104 NYS Route 3  
Watertown, NY 13601

Project / PO Number: N/A  
Received: 09/28/2016 15:00  
Reported: 10/31/2016 21:14

Analytical Testing Parameters

Client Sample ID: 1  
Lab Sample ID: J611489-01  
Sample Type: Grab

Collected By: FH-Client  
Collection Date: 09/22/16  
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Metals	Result	Limit	PQL	Units	Note	Prepared	Analyzed
Method: EPA 200.8 Rev 5.4							
Lead	<0.00100	0.0150	0.00100	mg/L		10/26/16 0800	10/28/16 1855

Analytical Testing Parameters

Client Sample ID: 2  
Lab Sample ID: J611489-02  
Sample Type: Grab

Collected By: FH-Client  
Collection Date: 09/22/16  
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Metals	Result	Limit	PQL	Units	Note	Prepared	Analyzed
Method: EPA 200.8 Rev 5.4							
Lead	<0.00100	0.0150	0.00100	mg/L		10/26/16 0800	10/28/16 1856

Analytical Testing Parameters

Client Sample ID: 3  
Lab Sample ID: J611489-03  
Sample Type: Grab

Collected By: FH-Client  
Collection Date: 09/22/16  
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Metals	Result	Limit	PQL	Units	Note	Prepared	Analyzed
Method: EPA 200.8 Rev 5.4							
Lead	<0.00100	0.0150	0.00100	mg/L		10/26/16 0800	10/28/16 1857



Microbac Laboratories, Inc., New York Division

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Analytical Testing Parameters

Client Sample ID: 4
Lab Sample ID: J611489-04
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4. Row 2: Lead, 0.00141, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1857.

Analytical Testing Parameters

Client Sample ID: 5
Lab Sample ID: J611489-05
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4. Row 2: Lead, 0.00657, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1858.

Analytical Testing Parameters

Client Sample ID: 6
Lab Sample ID: J611489-06
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4. Row 2: Lead, <0.00100, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1900.



Microbac Laboratories, Inc., New York Division

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Analytical Testing Parameters

Client Sample ID: 7
Lab Sample ID: J611489-07
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, <0.00100, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1901

Analytical Testing Parameters

Client Sample ID: 8
Lab Sample ID: J611489-08
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.00108, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1903

Analytical Testing Parameters

Client Sample ID: 9
Lab Sample ID: J611489-09
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, <0.00100, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1903



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6I1489

Analytical Testing Parameters

Client Sample ID: 10
Lab Sample ID: J6I1489-10
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, <0.00100, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1904

Analytical Testing Parameters

Client Sample ID: 11
Lab Sample ID: J6I1489-11
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, <0.00100, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1905

Analytical Testing Parameters

Client Sample ID: 12
Lab Sample ID: J6I1489-12
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, <0.00100, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1905



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Analytical Testing Parameters

Client Sample ID: 13
Lab Sample ID: J611489-13
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.00293, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1906

Analytical Testing Parameters

Client Sample ID: 14
Lab Sample ID: J611489-14
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.00217, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1907

Analytical Testing Parameters

Client Sample ID: 15L
Lab Sample ID: J611489-15
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.00110, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1907



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Analytical Testing Parameters

Client Sample ID: 15R
Lab Sample ID: J611489-16
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, <0.00100, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1911

Analytical Testing Parameters

Client Sample ID: 16L
Lab Sample ID: J611489-17
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.00121, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1911

Analytical Testing Parameters

Client Sample ID: 16R
Lab Sample ID: J611489-18
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, <0.00100, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1912



Microbac Laboratories, Inc., New York Division

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Analytical Testing Parameters

Client Sample ID: 17
Lab Sample ID: J611489-19
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.00151, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1913

Analytical Testing Parameters

Client Sample ID: 11A
Lab Sample ID: J611489-20
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, <0.00100, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1913

Analytical Testing Parameters

Client Sample ID: 18L
Lab Sample ID: J611489-21
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.00489, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1914



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J611489

Analytical Testing Parameters

Client Sample ID: 18R
Lab Sample ID: J611489-22
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4. Row 2: Lead, 0.00310, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1915

Analytical Testing Parameters

Client Sample ID: 19L
Lab Sample ID: J611489-23
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4. Row 2: Lead, <0.00100, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1915

Analytical Testing Parameters

Client Sample ID: 19R
Lab Sample ID: J611489-24
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4. Row 2: Lead, 0.00242, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1916





Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J611489

Analytical Testing Parameters

Client Sample ID: 2A
Lab Sample ID: J611489-25
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, <0.00100, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1917

Analytical Testing Parameters

Client Sample ID: 211AB
Lab Sample ID: J611489-26
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/22/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, <0.00100, 0.0150, 0.00100, mg/L, 10/26/16 0800, 10/28/16 1920

Laboratory

NY: Microbac Laboratories, Inc., New York Division

Definitions

- AL: Action Level
MDL: Minimum Detection Limit
RL: Reporting Limit
G: Result fails applicable NYS drinking water standards

Cooler Receipt Log

Cooler ID: Default Cooler Temp: °C

Cooler Inspection Checklist

Table with 4 columns: Item, Yes, Containers Intact, Yes. Rows: Custody Seals Intact and/or No Evidence of Tampering, COC/Labels Agree, Received on Ice (or not required)

Project Requested Certification(s)

Microbac Laboratories, Inc., New York Division NY Lab ID No.: 10795 New York State Department of Health
Microbac Laboratories, Inc. - Chicagoland NY Lab ID No: 12006 Pennsylvania Department of Environmental Protection
PA DEP ID: 68-04863



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J611489

**Report Comments**

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

**Reviewed and Approved By:**

A handwritten signature in blue ink that reads "Michael Fifield".

Michael Fifield  
Division Manager  
10/31/2016 21:14

**Go Green:** Contact Michael Fifield to set up email reporting and invoicing options.

*The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. For any feedback concerning our services, please contact Michael Fifield, Project Manager at [michael.fifield@microbac.com](mailto:michael.fifield@microbac.com). You may also contact Michael Fifield, Managing Director at [michael.fifield@microbac.com](mailto:michael.fifield@microbac.com) or Robert Crookston, President at [robert.crookston@microbac.com](mailto:robert.crookston@microbac.com).*

3821 Buck Drive  
 Cortland NY 13045  
 Phone:(607)763-3403 Fax:(607)763-3416  
 NY #10795, EPA #NY00896

# Microbac Laboratories, Inc.

## CHAIN OF CUSTODY

Samples must be returned on ice  
 MNY Workorder #

St. Joe's Hudson

<b>Client Information</b>		<b>Billing/Invoices:</b>		<b>Analysis Requested</b>		<b>Receiving Info (Lab Use Only)</b>	
Name: Jefferson-Lewis-Hamilton-Herkimer, Oneida BOCES		Address: 20104 NYS Route 3 Watertown, NY 13601		Contact: Ray Filley Phone: 315-779-7054 Project: Lead Testing		Ice: YES NO Cooler: YES NO Sample Temp: YES NO Cooler Seals: YES NO Pickup: YES NO Dropoff: C W Accepted? YES NO	
Quote ID: PO#:		Rush TAT Bur. Days: 2-5 5-7 7-10		Date Recq.:		Container Material	
Release to DOH: Yes		Email Results: Yes		Fax Results: Yes		Container size (in Mi)	
fifilley@booces.com		f.hack@booces.com		200.8 Lead		Preservative	
<b>Sample Information</b>		<b>Matrix Type</b>		<b>Number of Containers for Analysis Requested</b>			
Description/Location	Date	Time	Initial				
1	9/22		AN				
2							
3							
4							
5							
6							
7							
8							
<b>Signature</b>		<b>Date/Time</b>		<b>Comments</b>			
Print Name and Company		Signature					
Fred Angelo		9/22/98					
D. Hack		9-28-1998					
Received:		Received:					
Received:		Received:					
Received:		Received:					
Received:		Received:					
Received:		Received:					



J611489

Microbac Laboratories (MNY) may be unable to perform a portion of the requested testing in which case we will subcontract the analysis to another accredited laboratory.  
 By signing this document you are attesting that you have been informed by MNY of the intent to subcontract and are in agreement with this action.

# Microbac Laboratories, Inc.

## CHAIN OF CUSTODY

Samples must be returned on ice  
 MNY Workorder #

St. Joe's Malone

Client Information		Billing/Invoices		Analysis Requested		Receiving Info (Lab Use Only)	
Name:	Jefferson-Lewis-Hamilton-Herkimer-Oneida-BOCES					Ice:	YES NO
Address:	20104 NYS Route 3 Watertown, NY 13601					Cooler:	YES NO
Contact:	Ray Filley					Sample Temp:	YES NO
Phone:	315-779-7054					Cooler Seal:	YES NO
Project:	Lead Testing					Pickup:	YES NO
Quote ID:		PO#:				Dropoff:	C W
Rush TAT Bus. Days:	< 2-5 5-7 7-10	Date Req.:				Accepted?	YES NO
Release to DOH: Yes						Container Material	
Email Results: Yes	rfilley@boces.com					Container Size (in ml)	
Fax Results: Yes	rfilley@boces.com					Preservative	
Sample Information		Matrix		Number of Containers for Analysis Requested		Comments/Field Data	
Description/Location	Date	Time	Initial	Type			
9	9/22		RF				
10							
11							
12							
13							
14							
15L							
15R							
Print Name and Company		Signature		Date/Time		Comments	
Sampled:	Fredrick						
Received:	D. Beckwith				9/28 2:00 PM		
Received:					9-28 1500		
Received:							
Received:							
Received:							

Microbac Laboratories (MNY) may be unable to perform a portion of the requested testing in which case we will subcontract the analysis to another accredited laboratory.  
 By signing this document you are attesting that you have been informed by MNY of the intent to subcontract and are in agreement with this arrangement.

# Microbac Laboratories, Inc.

## CHAIN OF CUSTODY

Samples must be returned on ice  
 MNY Workorder #

ST-5613

Client Information		Billing/Invoice:		Analysis Requested		Receiving Info (Lab Use Only)	
Name:	Jefferson-Lewis-Hamilton-Herkimer-Oneida-BOCES					Ice:	YES/NO
Address:	20104 NYS Route 3 Watertown, NY 13601					Cooler:	YES/NO
Contact:	Ray Filley					Sample Temp:	
Phone:	315-779-7054					Cooler Seal:	YES/NO
Project:	Lead Testing					Pickup:	YES/NO
Quote ID:						Dropoff:	C/W
Rush TAT Bus. Days:	< 2-5 5-7 7-10					Accepted?	YES/NO
Relocate to DOH:	Yes					Container Material:	
Email Results:	Yes					Container Size (in Ml):	
Fax Results:	Yes					Preservative:	
						Comments/Field Data:	

  

Sample Information		Number of Containers for Analysis Requested		Comments	
Description/Location	Date	Time	Initial	Date/Time	Signature
16L	9/22		JH		
16R					
17					
11A					
18L					
18R					
19L					
19R					
Sampled:	Ford Hall				
Received:	D Brochere			9/28 9AM	
Received:				9-28 1500	
Received:					
Received:					
Received:					

Microbac Laboratories (MNY) may be unable to perform a portion of the requested testing in which case we will subcontract the analysis to another accredited laboratory.  
 By signing this document you are attesting that you have been informed by MNY of the intent to subcontract and are in agreement with this action.

3821 Buck Drive  
 Cortland NY 13045  
 Phone:(607)753-3403 Fax:(607)753-3415  
 NY #10795, EPA #NY00895

# Microbac Laboratories, Inc.

## CHAIN OF CUSTODY

Samples must be returned on ice  
 MNY Workorder #

St. Job's Mohawk

Client Information			Billing/Invoices:			Analysis Requested			Receiving Info (Lab Use Only)		
Name: Jefferson-Lewis-Hamilton-Herkimer-Oneida BOCES Address: 20104 NYS Route 3 Watertown, NY 13601 Contact: Ray Filley Phone: 315-779-7054 Project: Lead Testing Quote ID: PO#: Date Req:			Rush TAT Bur. Days: < 2-5 5-7 7-10 Release to DOH: Yes Email Results: Yes Fax Results: Yes			Email: <a href="mailto:rfilley@boces.com">rfilley@boces.com</a> Fax: <a href="mailto:fhauck@boes.com">fhauck@boes.com</a>			Ice: YES NO Cooler: YES NO Sample Temp: Cooler Seal: YES NO Pickup: YES NO Dropoff: C W Accepted? YES NO		
Sample Information			Matrix			Number of Containers for Analysis Requested			Container/Field Data		
Description/Location	Date	Time	Initial	Type							
1 2A	9/28		JN		250						
2 211A B					HNO3						
3											
4											
5											
6											
7											
8											
Sampled: Ferris			Signature: <i>[Signature]</i>			Date/Time: 9/28 9am			Comments:		
Received: D B Rechele			Signature: <i>[Signature]</i>			Date/Time: 9-28 1500					
Received:											
Received:											
Received:											

Microbac Laboratories (MNY) may be unable to perform a portion of the requested testing in which case we will subcontract the analysis to another accredited laboratory. By signing this document you are attesting that you have been informed by MNY of the intent to subcontract and are in agreement with this...