



Microbac Laboratories, Inc.

Baltimore Division
2101 Van Deman Street • Baltimore, MD 21224

Phone: 410-633-1800
Fax: 410-633-6553
www.microbac.com

COVER LETTER

SIMON VAINBERG
SHAW ENVIRONMENTAL & INFRA.
17 PRINCESS ROAD
LAWRENCEVILLE, NJ 08648
RE: CONSORTIUM SAMPLES

February 06, 2013
Report No.: 13A0967

The report of analyses contains test results for samples received at Microbac Laboratories, Inc., Baltimore Division on 01/15/2013 10:05.

The enclosed results were obtained from and applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report has been reviewed and meet the applicable project and certification specific requirements, unless otherwise noted.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories, Inc.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

This Data Package contains the following:

- This Cover Page
- Sample Summary
- Test Results
- Certifications/Notes and Definitions
- Cooler Receipt Log
- Chain of Custody

2/6/2013

Final report reviewed by:

Mark B. Horan/Laboratory Director

Report issue date

All samples received in proper condition and results conform to ISO 17025 and TNI NELAC standards unless otherwise noted.

If we have not met or exceeded your expectations, please contact Mark Horan, Managing Director, at 410-633-1800 You may also contact Sean Hyde, Chief Operating Officer at sean.hyde@microbac.com or James Nokes, President james.nokes@microbac.com



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CERTIFICATE OF ANALYSIS

SHAW ENVIRONMENTAL & INFRA.
17 PRINCESS ROAD
LAWRENCEVILLE, NJ 08648

Project: CONSORTIUM SAMPLES
Project Number: CONSORTIUM SAMPLES
Project Manager: SIMON VAINBERG

Report: 13A0967
Reported: 02/06/2013 15:26

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
SDC-9	13A0967-01	Food	Not Specified	01/14/2013 00:00	01/15/2013 10:05
TCA-20	13A0967-02	Food	Not Specified	01/14/2013 00:00	01/15/2013 10:05

Microbac Laboratories, Inc., Baltimore Division

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Mark B. Horan, Laboratory Director

Original Lab Report

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Reported: 02/06/2013 15:26

TCA-20

13A0967-02 (Food) Sampled: 01/14/2013 00:00; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
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Microbac Laboratories, Inc., Baltimore Division

Microbiology

Bacillus cereus	ND	3.0	CFU/g	011513 1158	013113 1200	DML	AOAC 980.31	
Coliform, Total	ND	10	CFU/g	011513 1157	011713 1450	JJH	AOAC 991.14	
E. Coli	ND	10	CFU/g	011513 1157	011713 1450	JJH	AOAC 991.14	
Fecal Coliform	ND	3.0	MPN/g	011513 1202	011713 1600	DML	FDA BAM	
Listeria monocytogens	NEGATIVE		per 25g	011513 1201	011813 0900	DML	AOAC 2003.12	
Salmonella	NEGATIVE		per 25g	011513 1200	011613 1410	JJH	AOAC-RI 031208	
Yeast and Mold	ND	10	CFU/g	011513 1159	012013 1200	DML	FDA-BAM	

Microbac Laboratories, Inc., Central Pennsylvania

MICROBIOLOGY

Pseudomonas	ND	1.0	CFU/g	011613 1740	011813 1700	GLF	ISO 13720	
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Original Lab Report

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Microbac

Microbac Laboratories Inc., Baltimore Division
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Work Order Number:

Chain of Custody Record

Instructions for completing the Chain of Custody Record on back.

Page ____ of ____

Client Name Shaw Environmental Inc Project

Address 17 Princess Rd Location

City, State, Zip Laurensville, MS 38450 #

Contact Simon Vanberg Compliance Monitoring? ☐ Yes ☒ No

Telephone # 601-895-5357 (1) Agency/Program

Sampled by PHN Sampler Signature

Send Report via e-mail (address) Simon.vanberg@shawcorp.com Mail ☐ Telephone ☐ Fax (fax #)

Matrix Types: Air(A), Childrens Product(CP), Food(F), Paint(P), Soil/Solid(S), Oil(O), Wipe(W), Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

Turnaround Time

☐ Standard (7 Business Days)

☐ RUSH* Needed By: _____

* Please notify lab prior to drop off.

QC and EDD Type (Required)

☐ Level I (NAC)

☐ Level II**

☐ Level III**

☐ Level IV**

☐ EDD

Format: _____

Comments: _____

Sampler Phone # _____

Sampler (DW) Cert# _____

Client Sample ID

Matrix***

Grab

Composite

Filtered

Date Collected

Time Collected

No. of Containers

Requested Analysis:
Salmonella
Listeria monocytogenes
Bacillus cereus
Pseudomonas aeruginosa
E. coli
Pathogenic yeast/mold
total coliform

Comments

13A0967

Possible Hazard Identification ☐ Hazardous ☐ Non-Hazardous ☐ Radioactive

Number of Containers:

Relinquished By (signature)

Printed Name/Affiliation

Sample Disposition

☐ Dispose as appropriate

☐ Return

☐ Archive

Cooler Number:

Temp upon receipt (°C): 5.5°C

Temp upon receipt (°C):

Relinquished By (signature)

Printed Name/Affiliation

Date/Time

Received By (signature)

Printed Name/Affiliation

Sample Received on Ice ☒

Refrigerated from Client ☒

Relinquished By (signature)

Printed Name/Affiliation

Date/Time

Received for Lab By (signature)

Printed Name/Affiliation

Radiation Scan Acceptable ☒

501 12 11 ** Surcharge May Apply to add'l QC Packages**

WHITE - ORIGINAL LAB

YELLOW - RECEIPT

Page 1 of 2



® Microbac Laboratories, Inc.
Baltimore Division
2101 Van Deman Street
Baltimore, MD 21224
410.633.1800

Invoice

Invoice Number: GA3B00134

Invoice Date: 02/06/2013

Client Code: NSH02

Terms: 30 Days

Account Manager: Mark B. Horan

Bill To:

SHAW ENVIRONMENTAL & INFRA.
SIMON VAINBERG
17 PRINCESS ROAD
LAWRENCEVILLE, NJ 08648

Services Provided for:

SHAW ENVIRONMENTAL & INFRA.
17 PRINCESS ROAD
LAWRENCEVILLE, NJ 08648

Work Order: 13A0967

Project: CONSORTIUM SAMPLES

Received Date: 01/15/2013

Quantity	Analysis/Description	Matrix	Surcharge	Unit Cost	Extended Cost
2	Bacillus cereus in Food	Food	0%	\$42.00	\$84.00
2	Coliform and E. coli in Food/Environmental Samples	Food	0%	\$27.50	\$55.00
2	Fecal Coliform Bacteria in Food	Food	0%	\$64.00	\$128.00
2	L. monocytogens in Food and Environmental Samples	Food	0%	\$44.00	\$88.00
2	Pseudomonas in Food	Food	0%	\$27.50	\$55.00
2	Salmonella spp in Food and Environmental Samples	Food	0%	\$30.00	\$60.00
2	Yeast and Mold in Food and Environmental Samples	Food	0%	\$43.00	\$86.00

Total Amount \$556.00

If you have questions, please contact Mark B. Horan at 410.633.1800.



Please detach invoice stub below and return with remittance

INVOICE #: GA3B00134
INVOICE Date: 02/06/2013
CUSTOMER #: NSH02

Balance Due **\$556.00**
Terms: 30 Days

Remittance To:

Microbac Laboratories, Inc
Attn: Locator GA
P.O Box 644733
Pittsburgh, PA 15264-4733



YOUR COMPANY NAME HERE www.yourcompany.com 1003	
New Remittance Address	
YOUR COMPANY NAME HERE	

GANSH02GA3B001340602201300055600



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Project Number: CONSORTIUM SAMPLES
Project Manager: SIMON VAINBERG

Report: 13A0967
Reported: 02/06/2013 15:26

SDC-9

13A0967-01 (Food) Sampled: 01/14/2013 00:00; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
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Microbiology

Bacillus cereus	3.0	3.0	CFU/g	011513 1158	013113 1200	DML	AOAC 980.31	
Coliform, Total	ND	10	CFU/g	011513 1157	011713 1450	JJH	AOAC 991.14	
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Fecal Coliform	ND	3.0	MPN/g	011513 1202	011713 1600	DML	FDA BAM	
Listeria monocytogens	NEGATIVE		per 25g	011513 1201	011813 0900	DML	AOAC 2003.12	
Salmonella	NEGATIVE		per 25g	011513 1200	011613 1410	JJH	AOAC-RI 031208	
Yeast and Mold	10	10	CFU/g	011513 1159	012013 1200	DML	FDA-BAM	

Microbac Laboratories, Inc., Central Pennsylvania

MICROBIOLOGY

Pseudomonas	ND	1.0	CFU/g	011613 1740	011813 1700	GLF	ISO 13720	
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Microbac Laboratories, Inc., Baltimore Division

Mark B. Horan, Laboratory Director

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Analyte Certification Exception Summary

Microbac Laboratories, Inc., Baltimore Division

Matrix: Food

AOAC 2003.12

Listeria monocytogens: No Certification

AOAC 980.31

Bacillus cereus: No Certification

AOAC 991.14

Coliform, Total: No Certification

E. Coli: No Certification

AOAC-RI 031208

Salmonella: No Certification

FDA BAM

Fecal Coliform: No Certification

FDA-BAM

Yeast and Mold: No Certification

All analysis performed were analyzed under the required certification unless otherwise noted in the above summary.

Subcontracted Analysis

All subcontracted data was analyzed under the required certifications unless otherwise noted in this report.

Microbac Laboratories, Inc., Baltimore Division

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Certification List

Below is a list of certifications maintained by Microbac Laboratories, Inc. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. A complete list of individual analytes pursuant to each certification below is available upon request.

Code	Description	Certification Number	Expires
Microbac Laboratories, Inc., Baltimore Division			
A2LA1	A2LA (Biology)	410.02	04/30/2013
A2LA2	A2LA (Environmental)	410.01	04/30/2013
VA-B	Commonwealth of Virginia (NELAC) - Baltimore	460170-1829	06/14/2013
CPSC	CPSC Testing of Childrens Products and Jewelry	1115	04/30/2013
Pb	Environmental Lead (ELLAP)	410.01	04/30/2013
NJ	New Jersey	NLC120001	06/30/2013
MD	State of Maryland (Drinking Water)	109	06/30/2013
PA	State of Pennsylvania (NELAC)	68-00339	08/31/2013
USDA	US Department of Agriculture	P330-09-00021	02/19/2012
WV	West Virginia	054	08/31/2013
Microbac Laboratories, Inc., Central Pennsylvania			
DE	Delaware	DE-PA	
IA	Indiana	C-PA09	
KY	Kentucky	90143	
MD	Maryland	334	
MAHBG	Massachusetts	M-PA1401	
NJ	New Jersey	PA019	
NY	New York	11650	
NC	North Carolina	42708	
NY_NY	NYS DOH ELAP	10795	04/01/2013
PA	Pennsylvania	22-00578	
TN	Tennessee	TN02865	
VA	Virginia	00433	
Microbac Laboratories, Inc., Richmond Division			
VA-R	Commonwealth of Virginia (NELAC) - Richmond	460022-1834	06/14/2013

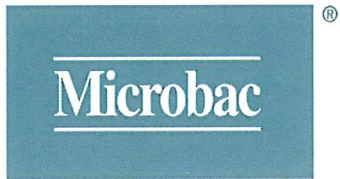
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Qualifiers/Notes and Definitions

General Definitions:

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference



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Cooler Receipt Log

Cooler ID: Default Cooler		Cooler Temp: 5.50 °C		Work Order: 13A0967	
Custody Seals Intact:	Yes	COC/Containers Agree:		Yes	
Containers Intact:	Yes	Correct Preservation:		Yes	
Received On Ice:	Yes	Correct Number of Containers Received:		Yes	
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:		Yes	
COC Present:	No	Samples Received in Proper Condition:		Yes	

Comments:
COC started upon receipt at Microbac