MICROBAC®

# Microbac Laboratories, Inc. - Baltimore

## CERTIFICATE OF ANALYSIS

22D0797

**Maryland Department of the Environment**

Ron Wicks
1800 Washington BLVD STE 510
Baltimore, MD 21230

**Project Name: Back River Bacteria**

Project / PO Number: N/A
Received: 04/19/2022
Reported: 04/20/2022

### Analytical Testing Parameters

**Client Sample ID:** BRB1
**Sample Matrix:** Aqueous
**Lab Sample ID:** 22D0797-01
**Collected By:** Dennis Rasmussen
**Collection Date:** 04/19/2022 9:00

| Microbiology | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|
| **Method: Enterolert** | | | | | | | | |
| Enterococcus | 690 | | 1.0 | MPN/100mL | | 04/19/22 1355 | 04/20/22 1356 | NMN |

**Client Sample ID:** BRB2
**Sample Matrix:** Aqueous
**Lab Sample ID:** 22D0797-02
**Collected By:** Dennis Rasmussen
**Collection Date:** 04/19/2022 9:07

| Microbiology | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|
| **Method: Enterolert** | | | | | | | | |
| Enterococcus | 490 | | 1.0 | MPN/100mL | | 04/19/22 1355 | 04/20/22 1356 | NMN |

**Client Sample ID:** BRB3
**Sample Matrix:** Aqueous
**Lab Sample ID:** 22D0797-03
**Collected By:** Dennis Rasmussen
**Collection Date:** 04/19/2022 9:17

| Microbiology | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|
| **Method: Enterolert** | | | | | | | | |
| Enterococcus | 1000 | | 1.0 | MPN/100mL | | 04/19/22 1355 | 04/20/22 1356 | NMN |

**Client Sample ID:** BRB4
**Sample Matrix:** Aqueous
**Lab Sample ID:** 22D0797-04
**Collected By:** Dennis Rasmussen
**Collection Date:** 04/19/2022 9:30

| Microbiology | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|
| **Method: Enterolert** | | | | | | | | |
| Enterococcus | 120 | | 1.0 | MPN/100mL | | 04/19/22 1355 | 04/20/22 1356 | NMN |

*Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.*

### Definitions

**MPN/100mL** Most Probable Number per 100 Milliliters
**RL:** Reporting Limit

**Report Comments**

**Reviewed and Approved By:**

Saharnaz Tavoosi
Microbiology Laboratory Supervisor
Reported: 04/20/2022 14:21

MICROBAC 2101 Van Deman St., Baltimore, MD 21224 | 410.633.1800 p | 410.633.6553 f

# CHAIN OF CUSTODY RECORD

Number
*Instructions on back*
*TO BE COMPLETED BY MICROBAC*

**Lab Report Address**

Client Name: MD DEPT OF ENVIRONMENT
Address: 1800 WASHINGTON BLVD
City, State, Zip: BALTO, MD 21230
Contact: Ron Wicks
Telephone No.: 4435621270
Send Report via: [ ] Mail [ ] Fax [x] e-mail (address) ron.wicks@maryland.gov

**Invoice Address**

Client Name: Samy
Address: Samy
City, State, Zip: Samy
Contact: Same
Telephone No.: Same
Send Invoice via: [ ] Mail [ ] Fax [ ] e-mail (address)

**Turnaround Time**

[x] Routine (5 to 7 business days)
[ ] RUSH* (notify lab)
(needed by)

**Report Type**

[ ] Results Only [ ] Level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4 [ ] EDD

Temperature Upon Receipt (°C)
Therm ID
Holding Time 7.2°C
Samples Received on Ice? (Yes) No N/A
Custody Seals Intact? Yes No N/A

Project: BACK RIVER BACTERIA
Location:
PO No.:
Compliance Monitoring? [ ] Yes [x] No
( ) Agency/Program

Sampled by (PRINT): DENNIS RASMUSSEN, JOHN LYNCH
Sampler Signature: Dennis Rasmussen
Sampler Phone No.: 4435204918

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO3, (2) H2SO4, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

**REQUESTED ANALYSIS**

| Lab ID | Client Sample ID | Date Collected | Time Collected | No. of Containers | Matrix | Grab / Comp | Preservative Types ** | Enterococcus |
|---|---|---|---|---|---|---|---|---|
| | BRB1 | 4.19.22 | 0900 | 1 | | G | | 1 |
| | BRB2 | | 0907 | 1 | | G | | 1 |
| | BRB3 | | 0917 | 1 | | G | | 1 |
| | BRB4 | | 0930 | 1 | | G | | 1 |

22D0797

*Additional Notes*
ENTEROCOCCUS

Possible Hazard Identification [ ] Hazardous [ ] Non-Hazardous [ ] Radioactive
Comments

Sample Disposition [ ] Dispose as appropriate [ ] Return [ ] Archive

| Relinquished By (signature) | Date/Time | Received By (signature) | Date/Time |
|---|---|---|---|
| Dennis Rasmussen | 4.19.22/1055 | RLH | 4-19-22 1055 |
| Relinquished By (signature) | Date/Time | Received By (signature) | Date/Time |
| | | APR 19 '22 | 1315 |
| Relinquished By (signature) | Date/Time | Received By (signature) | Date/Time |