



Instrument ID : TITRATOR

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

## Daily Analysis Runlog For Sequence/QC Batch ID # LB94675

|               |             |                   |        |                   |         |        |
|---------------|-------------|-------------------|--------|-------------------|---------|--------|
| Review By     |             | Review On         |        |                   |         |        |
| SubDirectory  |             | LB94675           |        | Test : Alkalinity |         |        |
| 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  |             | WP63771           |        |                   |         |        |
| Chk Standard  |             | W2269,W2159,W2270 |        |                   |         |        |
| Sr#           | SampleID    | ClientID          | QcType | Date              | Comment | Status |
| 1             | LB94675BLW  | LB94675BLW        | MB     | 04/18/18 13:38    |         |        |
| 2             | LB94675BSW  | LB94675BSW        | LCS    | 04/18/18 13:40    |         |        |
| 3             | J2383-01    | EPE-P-8-OW        | SAM    | 04/18/18 13:45    |         |        |
| 4             | J2383-01DUP | EPE-P-8-OWDUP     | DUP    | 04/18/18 13:50    |         |        |
| 5             | J2383-02    | EPE-L-3-OW        | SAM    | 04/18/18 13:56    |         |        |
| 6             | J2383-03    | EPE-115-1-OW      | SAM    | 04/18/18 14:01    |         |        |



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## Report of Analysis

|                   |            |                 |                       |
|-------------------|------------|-----------------|-----------------------|
| Client:           |            | Date Collected: | 4/12/2018 12:00:00 AM |
| Project:          | LB94675    | Date Received:  | 4/13/2018 12:00:00 AM |
| Client Sample ID: | EPE-P-8-OW | SDG No.:        | LB94675               |
| Lab Sample ID:    | J2383-01   | Matrix:         | WATER                 |
| Level (low/med):  | low        | % Solid:        | 0                     |

| Cas | Parameter  | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Prep Date | Date Ana.  | Ana Met. |
|-----|------------|-------|------|----|-----|-----|------------|-------|-----------|------------|----------|
|     | Alkalinity | 260   |      | 1  | 0.4 |     | 2          | mg/L  |           | 04/18/2018 | SM2320 B |



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## Report of Analysis

|                   |            |                 |                       |
|-------------------|------------|-----------------|-----------------------|
| Client:           |            | Date Collected: | 4/12/2018 12:00:00 AM |
| Project:          | LB94675    | Date Received:  | 4/13/2018 12:00:00 AM |
| Client Sample ID: | EPE-L-3-OW | SDG No.:        | LB94675               |
| Lab Sample ID:    | J2383-02   | Matrix:         | WATER                 |
| Level (low/med):  | low        | % Solid:        | 0                     |

| Cas | Parameter  | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Prep Date | Date Ana.  | Ana Met. |
|-----|------------|-------|------|----|-----|-----|------------|-------|-----------|------------|----------|
|     | Alkalinity | 228   |      | 1  | 0.4 |     | 2          | mg/L  |           | 04/18/2018 | SM2320 B |



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## Report of Analysis

|                   |              |                 |                       |
|-------------------|--------------|-----------------|-----------------------|
| Client:           |              | Date Collected: | 4/12/2018 12:00:00 AM |
| Project:          | LB94675      | Date Received:  | 4/13/2018 12:00:00 AM |
| Client Sample ID: | EPE-115-1-OW | SDG No.:        | LB94675               |
| Lab Sample ID:    | J2383-03     | Matrix:         | WATER                 |
| Level (low/med):  | low          | % Solid:        | 0                     |

| Cas | Parameter  | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Prep Date | Date Ana.  | Ana Met. |
|-----|------------|-------|------|----|-----|-----|------------|-------|-----------|------------|----------|
|     | Alkalinity | 171   |      | 1  | 0.4 |     | 2          | mg/L  |           | 04/18/2018 | SM2320 B |



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## Report of Analysis

|                   |              |                 |                       |
|-------------------|--------------|-----------------|-----------------------|
| Client:           |              | Date Collected: | 4/12/2018 12:00:00 AM |
| Project:          | LB94675      | Date Received:  | 4/13/2018 12:00:00 AM |
| Client Sample ID: | EPE-115-1-OW | SDG No.:        | LB94675               |
| Lab Sample ID:    | J2383-03     | Matrix:         | WATER                 |
| Level (low/med):  | low          | % Solid:        | 0                     |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. |
|-----|-----------|-------|------|----|-----|-----|------------|-------|-----------|-----------|----------|
|-----|-----------|-------|------|----|-----|-----|------------|-------|-----------|-----------|----------|

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

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

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



**GENCHEM**  
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**PREPARATION BLANK SUMMARY**

**Client:** LB94675

**SDG No.:** LB94675

**Instrument:** Titroline Alpha Titrator

| Sample ID  | Analyte    | Result<br>(mg/L) | Acceptance<br>Limit | Conc<br>Qual       | LOD<br>mg/L | CRQL<br>mg/L | M | Analysis<br>Date         | Analysis<br>Time | Run     |
|------------|------------|------------------|---------------------|--------------------|-------------|--------------|---|--------------------------|------------------|---------|
| LB94675BLW | Alkalinity | WATER<br>0.4     | <2                  | Batch Number:<br>U |             | 2            |   | Prep Date:<br>04/18/2018 | 13:38            | lb94675 |

# GENCHEM

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## DUPLICATE SAMPLE SUMMARY

**Client:** LB94675      **Level:** LOW      **SDG No.:** LB94675  
**Contract:**                           **Lab Code:** CHEM      **Case No.:** LB94675      **SAS No.:** LB94675  
**Matrix:** WATER      **Sample ID:** J2383-01      **Client ID:** EPE-P-8-OWDUP  
**Percent Solids for Sample:** 0      **Duplicate ID** J2383-01DUP      **Percent Solids for Spike Sample:** 0

| Analyte    | Units | Acceptance<br>Limit | Sample<br>Result | C | Duplicate<br>Result | C | RPD | Qual | M |
|------------|-------|---------------------|------------------|---|---------------------|---|-----|------|---|
| Alkalinity | mg/L  | 20                  | 260              |   | 244                 |   | 6   |      |   |



GENCHEM

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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94675

SDG No.: LB94675

Contract:

Lab Code: CHEM

Case No.: LB94675

SAS No.: LB94675

| Analyte                  | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M |
|--------------------------|-------|------------|--------|---|---------------|----------------------|---|
| LB94675BSW<br>Alkalinity | mg/L  | 50         | 47.5   |   | 95            | 80 - 120             |   |