

**Daily Analysis Runlog For Sequence/QC Batch ID # LB93422**

|               |             |                                                         |        |                         |         |        |
|---------------|-------------|---------------------------------------------------------|--------|-------------------------|---------|--------|
| Review By     |             | Review On                                               |        |                         |         |        |
| SubDirectory  |             | LB93422                                                 |        | Test : Reactive Cyanide |         |        |
| STD. NAME     |             | STD REF.#                                               |        |                         |         |        |
| ICAL Standard |             | WP62145,WP62146,WP62147,WP62148,WP62149,WP62150,WP62151 |        |                         |         |        |
| ICV Standard  |             | WP62153                                                 |        |                         |         |        |
| CCV Standard  |             | WP62152                                                 |        |                         |         |        |
| ICSA Standard |             | N/A                                                     |        |                         |         |        |
| CRI Standard  |             | N/A                                                     |        |                         |         |        |
| LCS Standard  |             | N/A                                                     |        |                         |         |        |
| Chk Standard  |             | WP62154,WP59958,WP60878                                 |        |                         |         |        |
| Sr#           | SampleID    | ClientID                                                | QcType | Date                    | Comment | Status |
| 1             | 0.0PPBCN    | 0.0PPBCN                                                | CAL1   | 02/21/18 10:36          |         | OK     |
| 2             | 5.0PPBCN    | 5.0PPBCN                                                | CAL2   | 02/21/18 10:36          |         | OK     |
| 3             | 10PPBCN     | 10PPBCN                                                 | CAL3   | 02/21/18 10:36          |         | OK     |
| 4             | 50PPBCN     | 50PPBCN                                                 | CAL4   | 02/21/18 10:36          |         | OK     |
| 5             | 100PPBCN    | 100PPBCN                                                | CAL5   | 02/21/18 10:36          |         | OK     |
| 6             | 250PPBCN    | 250PPBCN                                                | CAL6   | 02/21/18 10:36          |         | OK     |
| 7             | 500PPBCN    | 500PPBCN                                                | CAL7   | 02/21/18 10:36          |         | OK     |
| 8             | ICV1        | ICV1                                                    | ICV    | 02/21/18 11:59          |         | OK     |
| 9             | ICB1        | ICB1                                                    | ICB    | 02/21/18 11:59          |         | OK     |
| 10            | CCV1        | CCV1                                                    | CCV    | 02/21/18 12:32          |         | OK     |
| 11            | CCB1        | CCB1                                                    | CCB    | 02/21/18 12:32          |         | OK     |
| 12            | PB106720BL  | PB106720BL                                              | MB     | 02/21/18 12:32          |         | OK     |
| 13            | J1391-02    | AU-05-022018-A                                          | SAM    | 02/21/18 12:32          |         | OK     |
| 14            | J1391-02DUP | AU-05-022018-ADUP                                       | DUP    | 02/21/18 12:32          |         | OK     |
| 15            | J1403-06    | SU-04-022018                                            | SAM    | 02/21/18 12:32          |         | OK     |
| 16            | J1404-06    | TR-05-022018                                            | SAM    | 02/21/18 12:32          |         | OK     |
| 17            | J1622-02    | MAD-SUB-TRENCH                                          | SAM    | 02/21/18 12:39          |         | OK     |
| 18            | J1623-04    | TP-1-2                                                  | SAM    | 02/21/18 12:39          |         | OK     |
| 19            | J1623-08    | TP-3-4                                                  | SAM    | 02/21/18 12:39          |         | OK     |
| 20            | CCV2        | CCV2                                                    | CCV    | 02/21/18 12:39          |         | OK     |
| 21            | CCB2        | CCB2                                                    | CCB    | 02/21/18 12:39          |         | OK     |

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|               |             |                                                         |     |                         |  |    |
|---------------|-------------|---------------------------------------------------------|-----|-------------------------|--|----|
| Review By     |             | Review On                                               |     |                         |  |    |
| SubDirectory  |             | LB93422                                                 |     | Test : Reactive Cyanide |  |    |
| STD. NAME     |             | STD REF.#                                               |     |                         |  |    |
| ICAL Standard |             | WP62145,WP62146,WP62147,WP62148,WP62149,WP62150,WP62151 |     |                         |  |    |
| ICV Standard  |             | WP62153                                                 |     |                         |  |    |
| CCV Standard  |             | WP62152                                                 |     |                         |  |    |
| ICSA Standard |             | N/A                                                     |     |                         |  |    |
| CRI Standard  |             | N/A                                                     |     |                         |  |    |
| LCS Standard  |             | N/A                                                     |     |                         |  |    |
| Chk Standard  |             | WP62154,WP59958,WP60878                                 |     |                         |  |    |
| 22            | J1623-12    | TP-5-6                                                  | SAM | 02/21/18 12:39          |  | OK |
| 23            | J1623-16    | TP-7-8                                                  | SAM | 02/21/18 12:39          |  | OK |
| 24            | J1623-20    | TP-9-10                                                 | SAM | 02/21/18 12:39          |  | OK |
| 25            | J1624-02    | TP-1                                                    | SAM | 02/21/18 12:39          |  | OK |
| 26            | J1624-04    | TP-2                                                    | SAM | 02/21/18 12:39          |  | OK |
| 27            | J1624-06    | TP-3                                                    | SAM | 02/21/18 12:39          |  | OK |
| 28            | PB106721BL  | PB106721BL                                              | MB  | 02/21/18 12:44          |  | OK |
| 29            | J1626-02    | SILVERLAKE-LAYDC                                        | SAM | 02/21/18 12:44          |  | OK |
| 30            | J1626-02DUP | SILVERLAKE-LAYDC                                        | DUP | 02/21/18 12:44          |  | OK |
| 31            | CCV3        | CCV3                                                    | CCV | 02/21/18 12:44          |  | OK |
| 32            | CCB3        | CCB3                                                    | CCB | 02/21/18 12:44          |  | OK |
| 33            | J1391-04    | AU-05-022018-B                                          | SAM | 02/21/18 13:04          |  | OK |
| 34            | J1398-04    | OK-02-022018                                            | SAM | 02/21/18 13:04          |  | OK |
| 35            | CCV4        | CCV4                                                    | CCV | 02/21/18 13:04          |  | OK |
| 36            | CCB4        | CCB4                                                    | CCB | 02/21/18 13:04          |  | OK |



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## Report of Analysis

|                   |                |                 |                       |
|-------------------|----------------|-----------------|-----------------------|
| Client:           |                | Date Collected: | 2/20/2018 12:00:00 AM |
| Project:          | LB93422        | Date Received:  | 2/20/2018 12:00:00 AM |
| Client Sample ID: | AU-05-022018-A | SDG No.:        | LB93422               |
| Lab Sample ID:    | J1391-02       | Matrix:         | Solid                 |
| Level (low/med):  | low            | % Solid:        | 100                   |

| Cas | Parameter        | Conc.   | Qua. | DF | MDL   | LOD | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----|------------------|---------|------|----|-------|-----|------------|-------|------------|------------|----------|
|     | Reactive Cyanide | 0.00024 | U    | 1  | 0.025 |     | 0.05       | mg/Kg | 02/21/2018 | 02/21/2018 | 9012B    |



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## Report of Analysis

|                   |                |                 |                       |
|-------------------|----------------|-----------------|-----------------------|
| Client:           |                | Date Collected: | 2/20/2018 12:00:00 AM |
| Project:          | LB93422        | Date Received:  | 2/20/2018 12:00:00 AM |
| Client Sample ID: | AU-05-022018-B | SDG No.:        | LB93422               |
| Lab Sample ID:    | J1391-04       | Matrix:         | Solid                 |
| Level (low/med):  | low            | % Solid:        | 100                   |

| Cas | Parameter        | Conc.   | Qua. | DF | MDL   | LOD | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----|------------------|---------|------|----|-------|-----|------------|-------|------------|------------|----------|
|     | Reactive Cyanide | -0.0021 | U    | 1  | 0.025 |     | 0.049      | mg/Kg | 02/21/2018 | 02/21/2018 | 9012B    |



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## Report of Analysis

|                   |              |                 |                       |
|-------------------|--------------|-----------------|-----------------------|
| Client:           |              | Date Collected: | 2/20/2018 12:00:00 AM |
| Project:          | LB93422      | Date Received:  | 2/20/2018 12:00:00 AM |
| Client Sample ID: | OK-02-022018 | SDG No.:        | LB93422               |
| Lab Sample ID:    | J1398-04     | Matrix:         | Solid                 |
| Level (low/med):  | low          | % Solid:        | 100                   |

| Cas | Parameter        | Conc.   | Qua. | DF | MDL   | LOD | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----|------------------|---------|------|----|-------|-----|------------|-------|------------|------------|----------|
|     | Reactive Cyanide | -0.0026 | U    | 1  | 0.025 |     | 0.05       | mg/Kg | 02/21/2018 | 02/21/2018 | 9012B    |

**Report of Analysis**

|                   |              |                 |                       |
|-------------------|--------------|-----------------|-----------------------|
| Client:           |              | Date Collected: | 2/20/2018 12:00:00 AM |
| Project:          | LB93422      | Date Received:  | 2/20/2018 12:00:00 AM |
| Client Sample ID: | SU-04-022018 | SDG No.:        | LB93422               |
| Lab Sample ID:    | J1403-06     | Matrix:         | Solid                 |
| Level (low/med):  | low          | % Solid:        | 100                   |

| Cas | Parameter        | Conc.  | Qua. | DF | MDL   | LOD | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----|------------------|--------|------|----|-------|-----|------------|-------|------------|------------|----------|
|     | Reactive Cyanide | 0.0008 | U    | 1  | 0.025 |     | 0.05       | mg/Kg | 02/21/2018 | 02/21/2018 | 9012B    |



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## Report of Analysis

|                   |              |                 |                       |
|-------------------|--------------|-----------------|-----------------------|
| Client:           |              | Date Collected: | 2/20/2018 12:00:00 AM |
| Project:          | LB93422      | Date Received:  | 2/20/2018 12:00:00 AM |
| Client Sample ID: | TR-05-022018 | SDG No.:        | LB93422               |
| Lab Sample ID:    | J1404-06     | Matrix:         | Solid                 |
| Level (low/med):  | low          | % Solid:        | 100                   |

| Cas | Parameter        | Conc.  | Qua. | DF | MDL   | LOD | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----|------------------|--------|------|----|-------|-----|------------|-------|------------|------------|----------|
|     | Reactive Cyanide | 0.0044 | U    | 1  | 0.025 |     | 0.05       | mg/Kg | 02/21/2018 | 02/21/2018 | 9012B    |



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|                   |                |                 |                       |
|-------------------|----------------|-----------------|-----------------------|
| Client:           |                | Date Collected: | 2/20/2018 12:00:00 AM |
| Project:          | LB93422        | Date Received:  | 2/20/2018 12:00:00 AM |
| Client Sample ID: | MAD-SUB-TRENCH | SDG No.:        | LB93422               |
| Lab Sample ID:    | J1622-02       | Matrix:         | Solid                 |
| Level (low/med):  | low            | % Solid:        | 91.4                  |

| Cas | Parameter        | Conc.   | Qua. | DF | MDL   | LOD | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----|------------------|---------|------|----|-------|-----|------------|-------|------------|------------|----------|
|     | Reactive Cyanide | -0.0017 | U    | 1  | 0.025 |     | 0.05       | mg/Kg | 02/21/2018 | 02/21/2018 | 9012B    |



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|                   |          |                 |                       |
|-------------------|----------|-----------------|-----------------------|
| Client:           |          | Date Collected: | 2/20/2018 12:00:00 AM |
| Project:          | LB93422  | Date Received:  | 2/20/2018 12:00:00 AM |
| Client Sample ID: | TP-1-2   | SDG No.:        | LB93422               |
| Lab Sample ID:    | J1623-04 | Matrix:         | Solid                 |
| Level (low/med):  | low      | % Solid:        | 88                    |

| Cas | Parameter        | Conc.   | Qua. | DF | MDL   | LOD | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----|------------------|---------|------|----|-------|-----|------------|-------|------------|------------|----------|
|     | Reactive Cyanide | -0.0021 | U    | 1  | 0.025 |     | 0.049      | mg/Kg | 02/21/2018 | 02/21/2018 | 9012B    |



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|-------------------|----------|-----------------|-----------------------|
| Client:           |          | Date Collected: | 2/20/2018 12:00:00 AM |
| Project:          | LB93422  | Date Received:  | 2/20/2018 12:00:00 AM |
| Client Sample ID: | TP-3-4   | SDG No.:        | LB93422               |
| Lab Sample ID:    | J1623-08 | Matrix:         | Solid                 |
| Level (low/med):  | low      | % Solid:        | 90                    |

| Cas | Parameter        | Conc.    | Qua. | DF | MDL   | LOD | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----|------------------|----------|------|----|-------|-----|------------|-------|------------|------------|----------|
|     | Reactive Cyanide | -0.00024 | U    | 1  | 0.025 |     | 0.049      | mg/Kg | 02/21/2018 | 02/21/2018 | 9012B    |



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|                   |          |                 |                       |
|-------------------|----------|-----------------|-----------------------|
| Client:           |          | Date Collected: | 2/20/2018 12:00:00 AM |
| Project:          | LB93422  | Date Received:  | 2/20/2018 12:00:00 AM |
| Client Sample ID: | TP-5-6   | SDG No.:        | LB93422               |
| Lab Sample ID:    | J1623-12 | Matrix:         | Solid                 |
| Level (low/med):  | low      | % Solid:        | 87.3                  |

| Cas | Parameter        | Conc.   | Qua. | DF | MDL   | LOD | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----|------------------|---------|------|----|-------|-----|------------|-------|------------|------------|----------|
|     | Reactive Cyanide | -0.0048 | U    | 1  | 0.025 |     | 0.05       | mg/Kg | 02/21/2018 | 02/21/2018 | 9012B    |



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## Report of Analysis

|                   |          |                 |                       |
|-------------------|----------|-----------------|-----------------------|
| Client:           |          | Date Collected: | 2/20/2018 12:00:00 AM |
| Project:          | LB93422  | Date Received:  | 2/20/2018 12:00:00 AM |
| Client Sample ID: | TP-7-8   | SDG No.:        | LB93422               |
| Lab Sample ID:    | J1623-16 | Matrix:         | Solid                 |
| Level (low/med):  | low      | % Solid:        | 87                    |

| Cas | Parameter        | Conc.   | Qua. | DF | MDL   | LOD | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----|------------------|---------|------|----|-------|-----|------------|-------|------------|------------|----------|
|     | Reactive Cyanide | -0.0036 | U    | 1  | 0.025 |     | 0.049      | mg/Kg | 02/21/2018 | 02/21/2018 | 9012B    |



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## Report of Analysis

|                   |          |                 |                       |
|-------------------|----------|-----------------|-----------------------|
| Client:           |          | Date Collected: | 2/20/2018 12:00:00 AM |
| Project:          | LB93422  | Date Received:  | 2/20/2018 12:00:00 AM |
| Client Sample ID: | TP-9-10  | SDG No.:        | LB93422               |
| Lab Sample ID:    | J1623-20 | Matrix:         | Solid                 |
| Level (low/med):  | low      | % Solid:        | 86.7                  |

| Cas | Parameter        | Conc.  | Qua. | DF | MDL   | LOD | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----|------------------|--------|------|----|-------|-----|------------|-------|------------|------------|----------|
|     | Reactive Cyanide | -0.003 | U    | 1  | 0.025 |     | 0.05       | mg/Kg | 02/21/2018 | 02/21/2018 | 9012B    |



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## Report of Analysis

|                   |          |                 |                       |
|-------------------|----------|-----------------|-----------------------|
| Client:           |          | Date Collected: | 2/20/2018 12:00:00 AM |
| Project:          | LB93422  | Date Received:  | 2/20/2018 12:00:00 AM |
| Client Sample ID: | TP-1     | SDG No.:        | LB93422               |
| Lab Sample ID:    | J1624-02 | Matrix:         | Solid                 |
| Level (low/med):  | low      | % Solid:        | 100                   |

| Cas | Parameter        | Conc.  | Qua. | DF | MDL   | LOD | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----|------------------|--------|------|----|-------|-----|------------|-------|------------|------------|----------|
|     | Reactive Cyanide | -0.003 | U    | 1  | 0.025 |     | 0.049      | mg/Kg | 02/21/2018 | 02/21/2018 | 9012B    |



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## Report of Analysis

|                   |          |                 |                       |
|-------------------|----------|-----------------|-----------------------|
| Client:           |          | Date Collected: | 2/20/2018 12:00:00 AM |
| Project:          | LB93422  | Date Received:  | 2/20/2018 12:00:00 AM |
| Client Sample ID: | TP-2     | SDG No.:        | LB93422               |
| Lab Sample ID:    | J1624-04 | Matrix:         | Solid                 |
| Level (low/med):  | low      | % Solid:        | 100                   |

| Cas | Parameter        | Conc.   | Qua. | DF | MDL   | LOD | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----|------------------|---------|------|----|-------|-----|------------|-------|------------|------------|----------|
|     | Reactive Cyanide | -0.0022 | U    | 1  | 0.025 |     | 0.05       | mg/Kg | 02/21/2018 | 02/21/2018 | 9012B    |



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## Report of Analysis

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|-------------------|----------|-----------------|-----------------------|
| Client:           |          | Date Collected: | 2/20/2018 12:00:00 AM |
| Project:          | LB93422  | Date Received:  | 2/20/2018 12:00:00 AM |
| Client Sample ID: | TP-3     | SDG No.:        | LB93422               |
| Lab Sample ID:    | J1624-06 | Matrix:         | Solid                 |
| Level (low/med):  | low      | % Solid:        | 100                   |

| Cas | Parameter        | Conc.   | Qua. | DF | MDL   | LOD | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----|------------------|---------|------|----|-------|-----|------------|-------|------------|------------|----------|
|     | Reactive Cyanide | -0.0032 | U    | 1  | 0.025 |     | 0.05       | mg/Kg | 02/21/2018 | 02/21/2018 | 9012B    |



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## Report of Analysis

|                   |                         |                 |                       |
|-------------------|-------------------------|-----------------|-----------------------|
| Client:           |                         | Date Collected: | 2/20/2018 12:00:00 AM |
| Project:          | LB93422                 | Date Received:  | 2/20/2018 12:00:00 AM |
| Client Sample ID: | SILVERLAKE-LAYDOWN-YARD | SDG No.:        | LB93422               |
| Lab Sample ID:    | J1626-02                | Matrix:         | WATER                 |
| Level (low/med):  | low                     | % Solid:        | 0                     |

| Cas | Parameter        | Conc.    | Qua. | DF | MDL    | LOD | LOQ / CRQL | Units | Prep Date  | Date Ana.  | Ana Met. |
|-----|------------------|----------|------|----|--------|-----|------------|-------|------------|------------|----------|
|     | Reactive Cyanide | -0.00013 | U    | 1  | 0.0025 |     | 0.005      | mg/L  | 02/21/2018 | 02/21/2018 | 9012B    |



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| Client:           |                         | Date Collected: | 2/20/2018 12:00:00 AM |
| Project:          | LB93422                 | Date Received:  | 2/20/2018 12:00:00 AM |
| Client Sample ID: | SILVERLAKE-LAYDOWN-YARD | SDG No.:        | LB93422               |
| Lab Sample ID:    | J1626-02                | Matrix:         | WATER                 |
| Level (low/med):  | low                     | % Solid:        | 0                     |

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

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

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93422

SDG No.: LB93422

Contract: \_\_\_\_\_

Lab Code: CHEM

Case No.: LB93422

SAS No.: LB93422

Initial Calibration Source: \_\_\_\_\_

Continuing Calibration Source: \_\_\_\_\_

---

| Sample ID | Analyte          | Result<br>mg/L | True Value | %<br>Recovery | Qual | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|------------------|----------------|------------|---------------|------|---------------------------|---|------------------|------------------|---------------|
| ICV1      | Reactive Cyanide | 0.096          | 0.099      | 97            |      | 85 - 115                  |   | 02/21/2018       | 11:59            | lb93422       |

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## GENCHEM

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93422

SDG No.: LB93422

Contract: \_\_\_\_\_ Lab Code: CHEM

Case No.: LB93422

SAS No.: LB93422

Initial Calibration Source: \_\_\_\_\_

Continuing Calibration Source: \_\_\_\_\_

| Sample ID | Analyte          | Result<br>mg/L | True Value | %<br>Recovery | Qual | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|------------------|----------------|------------|---------------|------|---------------------------|---|------------------|------------------|---------------|
| CCV1      | Reactive Cyanide | 0.24           | 0.25       | 96            |      | 90 - 110                  |   | 02/21/2018       | 12:32            | lb93422       |
| CCV2      | Reactive Cyanide | 0.24           | 0.25       | 96            |      | 90 - 110                  |   | 02/21/2018       | 12:39            | lb93422       |
| CCV3      | Reactive Cyanide | 0.26           | 0.25       | 104           |      | 90 - 110                  |   | 02/21/2018       | 12:44            | lb93422       |
| CCV4      | Reactive Cyanide | 0.26           | 0.25       | 104           |      | 90 - 110                  |   | 02/21/2018       | 13:04            | lb93422       |



**GENCHEM**

- 3a -

### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** LB93422

SDG No.: LB93422

**Contract:**

Lab Code: CHEM

**Case No.:** LB93422

**SAS No.:** LB93422

| Sample ID | Analyte          | Result<br>mg/L | Acceptance<br>Limit | Conc<br>Qual | LOD | CRQL  | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|------------------|----------------|---------------------|--------------|-----|-------|---|------------------|------------------|---------------|
| ICB1      | Reactive Cyanide | -0.00027       | +/-0.005            | U            |     | 0.005 |   | 02/21/2018       | 11:59            | lb93422       |

| Sample ID | Analyte          | Result<br>mg/L | Acceptance<br>Limit | Conc<br>Qual | LOD | CRQL  | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|------------------|----------------|---------------------|--------------|-----|-------|---|------------------|------------------|---------------|
| CCB1      | Reactive Cyanide | 0.00024        | +/-0.005            | U            |     | 0.005 |   | 02/21/2018       | 12:32            | 1b93422       |
| CCB2      | Reactive Cyanide | 0.0001         | +/-0.005            | U            |     | 0.005 |   | 02/21/2018       | 12:39            | 1b93422       |
| CCB3      | Reactive Cyanide | 0.00041        | +/-0.005            | U            |     | 0.005 |   | 02/21/2018       | 12:44            | 1b93422       |
| CCB4      | Reactive Cyanide | 0.00011        | +/-0.005            | U            |     | 0.005 |   | 02/21/2018       | 13:04            | 1b93422       |



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93422

SDG No.: LB93422

Contract: Lab Code: CHEM

Case No.: LB93422

SAS No.: LB93422

| Sample ID | Analyte | Result<br>mg/L | Acceptance<br>Limit | Conc<br>Qual | LOD | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|-----|------|---|------------------|------------------|---------------|
|-----------|---------|----------------|---------------------|--------------|-----|------|---|------------------|------------------|---------------|



**GENCHEM**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

**Client:** LB93422

**SDG No.:** LB93422

**Instrument:** Konelab 20

| Sample ID  | Analyte          | Result<br>(mg/Kg) | Acceptance<br>Limit | Conc<br>Qual  | LOD<br>mg/Kg | CRQL<br>mg/Kg | M | Analysis<br>Date | Analysis<br>Time | Run     |
|------------|------------------|-------------------|---------------------|---------------|--------------|---------------|---|------------------|------------------|---------|
| PB106720BL | Reactive Cyanide | SOLID             |                     | Batch Number: |              | PB106720      |   | Prep Date:       | 02/21/2018       |         |
|            |                  | -0.00064          | <0.05               | U             |              | 0.05          |   | 02/21/2018       | 12:32            | lb93422 |
| 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     |
| PB106721BL | Reactive Cyanide | WATER             |                     | Batch Number: |              | PB106721      |   | Prep Date:       | 02/21/2018       |         |
|            |                  | -0.00012          | <0.005              | U             |              | 0.005         |   | 02/21/2018       | 12:44            | lb93422 |

# GENCHEM

- 6 -

## DUPLICATE SAMPLE SUMMARY

**Client:** LB93422      **Level:** LOW      **SDG No.:** LB93422  
**Contract:**                           **Lab Code:** CHEM      **Case No.:** LB93422      **SAS No.:** LB93422  
**Matrix:** Solid      **Sample ID:** J1391-02      **Client ID:** AU-05-022018-ADUP  
**Percent Solids for Sample:** 100      **Duplicate ID** J1391-02DUP      **Percent Solids for Spike Sample:** 100

| Analyte          | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|------------------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Reactive Cyanide | mg/Kg | 20               | 0.025         | U | -0.00079         | U |     |      |   |

# GENCHEM

- 6 -

## DUPLICATE SAMPLE SUMMARY

**Client:** LB93422      **Level:** LOW      **SDG No.:** LB93422  
**Contract:** \_\_\_\_\_      **Lab Code:** CHEM      **Case No.:** LB93422      **SAS No.:** LB93422  
**Matrix:** WATER      **Sample ID:** J1626-02      **Client ID:** SILVERLAKE-LAYDOWN-YARDDUP  
**Percent Solids for Sample:** 0      **Duplicate ID** J1626-02DUP      **Percent Solids for Spike Sample:** 0

| Analyte          | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|------------------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Reactive Cyanide | mg/L  | 20               | 0.0025        | U | -0.0001          | U |     |      |   |