

**Daily Analysis Runlog For Sequence/QC Batch ID # LB94698**

|              |  |           |  |            |  |  |
|--------------|--|-----------|--|------------|--|--|
| Review By    |  | Review On |  |            |  |  |
| SubDirectory |  | LB94698   |  | Test : TOC |  |  |

| STD. NAME     | STD REF.#                               |
|---------------|-----------------------------------------|
| ICAL Standard | WP63110,WP63112,WP63113,WP63114,WP63115 |
| ICV Standard  | WP63111                                 |
| CCV Standard  | WP63110                                 |
| ICSA Standard | N/A                                     |
| CRI Standard  | N/A                                     |
| LCS Standard  | WP63111                                 |
| Chk Standard  | wp62726,wp63116,wp63117                 |

| Sr# | SampleId   | ClientID          | QcType | Date           | Comment | Status |
|-----|------------|-------------------|--------|----------------|---------|--------|
| 1   | BLANK      | BLANK             | CAL1   | 03/27/18 10:14 |         |        |
| 2   | 250mg/l    | 250mg/l           | CAL2   | 03/27/18 10:26 |         |        |
| 3   | 500mg/l    | 500mg/l           | CAL3   | 03/27/18 10:29 |         |        |
| 4   | 1000mg/l   | 1000mg/l          | CAL4   | 03/27/18 10:35 |         |        |
| 5   | 2000mg/l   | 2000mg/l          | CAL5   | 03/27/18 10:41 |         |        |
| 6   | ICV1       | ICV1              | ICV    | 03/27/18 10:48 |         |        |
| 7   | ICB1       | ICB1              | ICB    | 03/27/18 10:53 |         |        |
| 8   | CCV1       | CCV1              | CCV    | 04/18/18 11:55 |         |        |
| 9   | CCB1       | CCB1              | CCB    | 04/18/18 11:58 |         |        |
| 10  | LB94698BLS | LB94698BLS        | MB     | 04/18/18 12:33 |         |        |
| 11  | LB94698BSS | LB94698BSS        | LCS    | 04/18/18 12:51 |         |        |
| 12  | J2133-01   | LOD-MDL-SOIL-01-C | SAM    | 04/18/18 13:06 |         |        |
| 13  | J2133-03   | MDL-SOIL-03-QT2-2 | SAM    | 04/18/18 13:17 |         |        |
| 14  | J2133-02   | LOQ-SOIL-02-QT2-2 | LOQ    | 04/18/18 13:30 |         |        |
| 15  | CCV2       | CCV2              | CCV    | 04/18/18 13:39 |         |        |
| 16  | CCB2       | CCB2              | CCB    | 04/18/18 13:45 |         |        |



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## Report of Analysis

|                   |                          |                 |                       |
|-------------------|--------------------------|-----------------|-----------------------|
| Client:           |                          | Date Collected: | 3/29/2018 12:00:00 AM |
| Project:          | LB94698                  | Date Received:  | 3/29/2018 12:00:00 AM |
| Client Sample ID: | LOD-MDL-SOIL-01-QT2-2018 | SDG No.:        | LB94698               |
| Lab Sample ID:    | J2133-01                 | Matrix:         | Solid                 |
| Level (low/med):  | low                      | % Solid:        | 100                   |

| Cas     | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Prep Date | Date Ana.  | Ana Met. |
|---------|-----------|-------|------|----|-----|-----|------------|-------|-----------|------------|----------|
| 10-35-5 | TOC       | 53.1  | J    | 1  | 50  |     | 250        | mg/Kg |           | 04/18/2018 | 9060     |



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## Report of Analysis

|                   |                      |                 |                       |
|-------------------|----------------------|-----------------|-----------------------|
| Client:           |                      | Date Collected: | 3/29/2018 12:00:00 AM |
| Project:          | LB94698              | Date Received:  | 3/29/2018 12:00:00 AM |
| Client Sample ID: | MDL-SOIL-03-QT2-2018 | SDG No.:        | LB94698               |
| Lab Sample ID:    | J2133-03             | Matrix:         | Solid                 |
| Level (low/med):  | low                  | % Solid:        | 100                   |

| Cas     | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Prep Date | Date Ana.  | Ana Met. |
|---------|-----------|-------|------|----|-----|-----|------------|-------|-----------|------------|----------|
| 10-35-5 | TOC       | 57.9  | J    | 1  | 50  |     | 250        | mg/Kg |           | 04/18/2018 | 9060     |



## Report of Analysis

|                   |                      |                 |                       |
|-------------------|----------------------|-----------------|-----------------------|
| Client:           |                      | Date Collected: | 3/29/2018 12:00:00 AM |
| Project:          | LB94698              | Date Received:  | 3/29/2018 12:00:00 AM |
| Client Sample ID: | MDL-SOIL-03-QT2-2018 | SDG No.:        | LB94698               |
| Lab Sample ID:    | J2133-03             | Matrix:         | Solid                 |
| Level (low/med):  | low                  | % Solid:        | 100                   |

| 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: LB94698

SDG No.: LB94698

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

Case No.: LB94698

SAS No.: LB94698

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      | TOC     | 1010           | 1000       | 101           |      | 90 - 110                  |   | 04/18/2018       | 11:55            | lb94698       |
| CCV2      | TOC     | 923            | 1000       | 92.3          |      | 90 - 110                  |   | 04/18/2018       | 13:39            | lb94698       |



**GENCHEM**

- 3a -

### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** LB94698

SDG No.: LB94698

**Contract:**

Lab Code: CHEM

**Case No.:** LB94698

**SAS No.:** LB94698

| 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      | TOC     | 11             | +/-250              | J            |     | 250  |   | 03/27/2018       | 10:53            | lb94698       |

| 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      | TOC     | 9.1            | +/-250              | J            |     | 250  |   | 04/18/2018       | 11:58            | lb94698       |
| CCB2      | TOC     | 32.6           | +/-250              | J            |     | 250  |   | 04/18/2018       | 13:45            | lb94698       |





GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94698

SDG No.: LB94698

Contract: Lab Code: CHEM

Case No.: LB94698

SAS No.: LB94698

| 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:** LB94698

**SDG No.:** LB94698

**Instrument:** Appolo-9000

| 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     |
|------------|---------|-------------------|---------------------|--------------------|--------------|---------------|---|--------------------------|------------------|---------|
| LB94698BLS | TOC     | SOLID<br>8.1      | <250                | Batch Number:<br>U |              | 250           |   | Prep Date:<br>04/18/2018 | 12:33            | lb94698 |



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94698

SDG No.: LB94698

Contract:

Lab Code: CHEM

Case No.: LB94698

SAS No.: LB94698

| Analyte         | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M |
|-----------------|-------|------------|--------|---|---------------|----------------------|---|
| J2133-02<br>TOC | mg/Kg | 500        | 479    |   | 95.8          | 50 - 150             |   |



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94698

SDG No.: LB94698

Contract:

Lab Code: CHEM

Case No.: LB94698

SAS No.: LB94698

| Analyte           | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M |
|-------------------|-------|------------|--------|---|---------------|----------------------|---|
| LB94698BSS<br>TOC | mg/Kg | 1000       | 1060   |   | 106           | 90 - 110             |   |