

| Sample ID        | Result        | Std. Dev. | RSD | Mode | ALT |
|------------------|---------------|-----------|-----|------|-----|
| =====            |               |           |     |      |     |
| CCV              | 942.4037      |           |     | TOC  |     |
| CCB              | 20.6265       |           |     | TOC  |     |
| LB91441BLS       | 9.4628        |           |     | TOC  |     |
| LB91441BLS.....  | 10.1096...    | ..        | ... | TOC  | ..  |
| LB91441BSS       | 926.2139      |           |     | TOC  |     |
| LB91441BSS       | 977.8939      |           |     | TOC  |     |
| I6340-01.....    | 1469.4883...  | ..        | ... | TOC  | ..  |
| I6340-01         | 1803.4894     |           |     | TOC  |     |
| I6340-01         | 2076.6018     |           |     | TOC  |     |
| I6340-01.....    | 1423.0597...  | ..        | ... | TOC  | ..  |
| I6340-01DUP      | 1950.7030     |           |     | TOC  |     |
| I6340-01DUP      | 1991.3484     |           |     | TOC  |     |
| I6340-01MS.....  | 2353.4568...  | ..        | ... | TOC  | ..  |
| I6340-01MS       | 2290.3242     |           |     | TOC  |     |
| I6340-02         | 905.2747      |           |     | TOC  |     |
| I6340-02.....    | 942.8338...   | ..        | ... | TOC  | ..  |
| I6340-03         | 22129.2148    |           |     | TOC  |     |
| I6340-03         | 20239.5801    |           |     | TOC  |     |
| I6340-04.....    | 12628.1250... | ..        | ... | TOC  | ..  |
| I6340-04         | 14861.2852    |           |     | TOC  |     |
| I6340-05         | 27194.8828    |           |     | TOC  |     |
| I6340-05.....    | 26432.2422... | ..        | ... | TOC  | ..  |
| I6340-06         | 13388.8584    |           |     | TOC  |     |
| I6340-06         | 15089.4805    |           |     | TOC  |     |
| CCV.....         | 954.9764...   | ..        | ... | TOC  | ..  |
| CCB              | 30.2125       |           |     | TOC  |     |
| I6340-07         | 26030.9434    |           |     | TOC  |     |
| I6340-07.....    | 28695.0215... | ..        | ... | TOC  | ..  |
| I6340-08         | 15000.1436    |           |     | TOC  |     |
| I6340-08         | 19096.9043    |           |     | TOC  |     |
| I6340-09.....    | 14742.3037... | ..        | ... | TOC  | ..  |
| I6340-09         | 15394.4990    |           |     | TOC  |     |
| I6340-10         | 10439.7754    |           |     | TOC  |     |
| I6340-10.....    | 8997.8818...  | ..        | ... | TOC  | ..  |
| I6340-11         | 23250.7461    |           |     | TOC  |     |
| I6340-11         | 25898.0918    |           |     | TOC  |     |
| I6340-12.....    | 13266.3066... | ..        | ... | TOC  | ..  |
| I6340-12         | 13014.8828    |           |     | TOC  |     |
| I6340-13         | 23777.1445    |           |     | TOC  |     |
| I6340-13.....    | 23088.0059... | ..        | ... | TOC  | ..  |
| I6340-14         | 2846.5034     |           |     | TOC  |     |
| I6340-14         | 2754.8545     |           |     | TOC  |     |
| I6340-16.....    | 1147.1727...  | ..        | ... | TOC  | ..  |
| I6340-16         | 1457.0511     |           |     | TOC  |     |
| I6340-17         | 6427.9307     |           |     | TOC  |     |
| I6340-17.....    | 5431.2368...  | ..        | ... | TOC  | ..  |
| CCV              | 1012.6020     |           |     | TOC  |     |
| CCB              | 38.7153       |           |     | TOC  |     |
| CCV.....         | 948.1925...   | ..        | ... | TOC  | ..  |
| CCB              | 42.6134       |           |     | TOC  |     |
| LB91441BLS2      | 2.1438        |           |     | TOC  |     |
| LB91441BLS2..... | 2.8429...     | ..        | ... | TOC  | ..  |
| LB91441BSS2      | 1028.9403     |           |     | TOC  |     |
| LB91441BSS2      | 976.8418      |           |     | TOC  |     |
| I6340-18.....    | 1318.6205...  | ..        | ... | TOC  | ..  |
| I6340-18         | 1730.5767     |           |     | TOC  |     |
| I6340-19         | 871.5321      |           |     | TOC  |     |
| I6340-19.....    | 893.9115...   | ..        | ... | TOC  | ..  |
| I6340-20         | 527.9941      |           |     | TOC  |     |
| I6340-20         | 531.4855      |           |     | TOC  |     |
| I6340-20.....    | 652.0026...   | ..        | ... | TOC  | ..  |
| I6340-20         | 592.3336      |           |     | TOC  |     |
| I6340-20DUP      | 453.0860      |           |     | TOC  |     |
| I6340-20DUP..... | 597.4054...   | ..        | ... | TOC  | ..  |
| I6340-20MS       | 1397.8588     |           |     | TOC  |     |
| I6340-20MS       | 1613.9980     |           |     | TOC  |     |
| I6340-21.....    | 28092.5020... | ..        | ... | TOC  | ..  |
| I6340-21         | 22962.7129    |           |     | TOC  |     |
| I6343-01         | 4459.5283     |           |     | TOC  |     |
| I6343-01.....    | 5697.2432...  | ..        | ... | TOC  | ..  |

|               |               |    |        |    |
|---------------|---------------|----|--------|----|
| I6343-02      | 1121.1121     |    | TOC    |    |
| I6343-02      | 1119.7468     |    | TOC    |    |
| CCV.....      | 963.6501...   | .. | ...TOC | .. |
| CCB           | 3.2154        |    | TOC    |    |
| I6343-03      | 2498.4648     |    | TOC    |    |
| I6343-03..... | 2066.2002...  | .. | ...TOC | .. |
| I6343-04      | 644.8704      |    | TOC    |    |
| I6343-04      | 520.3829      |    | TOC    |    |
| I6343-05..... | 14171.0225... | .. | ...TOC | .. |
| I6343-05      | 13070.2402    |    | TOC    |    |
| I6343-06      | 925.0087      |    | TOC    |    |
| I6343-06..... | 819.9140...   | .. | ...TOC | .. |
| I6343-07      | 2742.5337     |    | TOC    |    |
| I6343-07      | 2817.6868     |    | TOC    |    |
| I6343-10..... | 348.0158...   | .. | ...TOC | .. |
| I6343-10      | 266.6053      |    | TOC    |    |
| I6343-11      | 211.0787      |    | TOC    |    |
| I6343-11..... | 164.6544...   | .. | ...TOC | .. |
| I6343-12      | 342.6134      |    | TOC    |    |
| I6343-12      | 362.9010      |    | TOC    |    |
| I6343-13..... | 352.9355...   | .. | ...TOC | .. |
| I6343-13      | 295.9569      |    | TOC    |    |
| CCV           | 943.0882      |    | TOC    |    |
| CCB.....      | 19.7905...    | .. | ...TOC | .. |

| Method ID |         | Sample Type | Vial Timestamp |                    | Message                        |  |
|-----------|---------|-------------|----------------|--------------------|--------------------------------|--|
| =====     |         |             |                |                    |                                |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 13:17              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 13:22              | Low Sample Detected            |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 13:25              | Low Sample Detected            |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/08 13:37 | ..Low Sample Detected          |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 13:41              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 13:45              |                                |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/08 13:56 | ..                             |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 13:59              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 14:04              |                                |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/08 14:08 | ..                             |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 14:12              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 14:46              |                                |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/08 14:49 | ..                             |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 14:57              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 15:14              |                                |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/08 15:17 | ..                             |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 15:26              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 15:31              |                                |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/08 15:42 | ..                             |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 15:48              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 15:59              | Max Integration Time Reached   |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/08 16:05 | ..                             |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 16:12              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 16:16              |                                |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/08 16:21 | ..                             |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 16:24              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 16:32              |                                |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/08 16:38 | ..Max Integration Time Reached |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 16:43              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 16:48              |                                |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/08 16:56 | ..Max Integration Time Reached |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 17:08              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 17:15              |                                |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/08 17:24 | ..                             |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 17:31              | Max Integration Time Reached   |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 17:37              | Max Integration Time Reached   |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/08 17:42 | ..                             |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 17:46              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 17:52              | Max Integration Time Reached   |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/08 17:56 | ..                             |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 17:59              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 18:05              |                                |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/08 18:09 | ..                             |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 18:11              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 18:15              |                                |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/08 18:17 | ..                             |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 18:23              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/08     | 18:26              |                                |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/09 09:38 | ..                             |  |
| Boat      | Sampler | Sample      | 2017/11/09     | 09:43              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/09     | 09:54              | Low Sample Detected            |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/09 10:03 | ..Low Sample Detected          |  |
| Boat      | Sampler | Sample      | 2017/11/09     | 10:09              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/09     | 10:12              |                                |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/09 10:17 | ..                             |  |
| Boat      | Sampler | Sample      | 2017/11/09     | 10:20              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/09     | 10:23              |                                |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/09 10:26 | ..                             |  |
| Boat      | Sampler | Sample      | 2017/11/09     | 10:29              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/09     | 10:32              |                                |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/09 10:34 | ..                             |  |
| Boat      | Sampler | Sample      | 2017/11/09     | 10:37              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/09     | 10:41              |                                |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/09 10:47 | ..                             |  |
| Boat      | Sampler | Sample      | 2017/11/09     | 10:51              |                                |  |
| Boat      | Sampler | Sample      | 2017/11/09     | 10:54              |                                |  |
| Boat      | Sampler | ...Sample   | ..             | ..2017/11/09 11:00 | ..Max Integration Time Reached |  |
| Boat      | Sampler | Sample      | 2017/11/09     | 11:06              | Max Integration Time Reached   |  |
| Boat      | Sampler | Sample      | 2017/11/09     | 11:17              |                                |  |

|              |     |        |    |                    |                     |
|--------------|-----|--------|----|--------------------|---------------------|
| Boat Sampler | ... | Sample | .. | ..2017/11/09 11:21 | ..                  |
| Boat Sampler |     | Sample |    | 2017/11/09 11:24   | ..                  |
| Boat Sampler |     | Sample |    | 2017/11/09 11:27   |                     |
| Boat Sampler | ... | Sample | .. | ..2017/11/09 11:32 | ..                  |
| Boat Sampler |     | Sample |    | 2017/11/09 11:36   | Low Sample Detected |
| Boat Sampler |     | Sample |    | 2017/11/09 11:40   |                     |
| Boat Sampler | ... | Sample | .. | ..2017/11/09 11:43 | ..                  |
| Boat Sampler |     | Sample |    | 2017/11/09 11:58   |                     |
| Boat Sampler |     | Sample |    | 2017/11/09 12:02   |                     |
| Boat Sampler | ... | Sample | .. | ..2017/11/09 12:12 | ..                  |
| Boat Sampler |     | Sample |    | 2017/11/09 12:17   |                     |
| Boat Sampler |     | Sample |    | 2017/11/09 12:28   |                     |
| Boat Sampler | ... | Sample | .. | ..2017/11/09 12:32 | ..                  |
| Boat Sampler |     | Sample |    | 2017/11/09 12:37   |                     |
| Boat Sampler |     | Sample |    | 2017/11/09 12:44   |                     |
| Boat Sampler | ... | Sample | .. | ..2017/11/09 12:47 | ..                  |
| Boat Sampler |     | Sample |    | 2017/11/09 12:49   |                     |
| Boat Sampler |     | Sample |    | 2017/11/09 13:01   |                     |
| Boat Sampler | ... | Sample | .. | ..2017/11/09 13:05 | ..                  |
| Boat Sampler |     | Sample |    | 2017/11/09 13:08   |                     |
| Boat Sampler |     | Sample |    | 2017/11/09 13:11   |                     |
| Boat Sampler | ... | Sample | .. | ..2017/11/09 13:18 | ..                  |
| Boat Sampler |     | Sample |    | 2017/11/09 13:21   |                     |
| Boat Sampler |     | Sample |    | 2017/11/09 13:26   |                     |
| Boat Sampler | ... | Sample | .. | ..2017/11/09 13:30 | ..                  |

| Sample ID     | Result     | Std. Dev. | RSD | Mode | ALT |
|---------------|------------|-----------|-----|------|-----|
| =====         |            |           |     |      |     |
| BLANK         | 72271      |           |     | TOC  |     |
| 250mg/l       | 952874     |           |     | TOC  |     |
| 500mg/l       | 1884859    |           |     | TOC  |     |
| 1000mg/l..... | 3764083... | ..        | ... | TOC  | ..  |
| 2000mg/l      | 7461318    |           |     | TOC  |     |
| ICV           | 925.8488   |           |     | TOC  |     |
| ICB.....      | 20.2760... | ..        | ... | TOC  | ..  |

| Method ID    | Sample Type     | Vial | Timestamp          | Message               |
|--------------|-----------------|------|--------------------|-----------------------|
| Boat Sampler | TOC Standard    |      | 2017/11/06 13:24   | Low Sample Detected   |
| Boat Sampler | TOC Standard    |      | 2017/11/06 13:28   |                       |
| Boat Sampler | TOC Standard    |      | 2017/11/06 13:32   |                       |
| Boat Sampler | ...TOC Standard | ..   | ..2017/11/06 13:37 | ..                    |
| Boat Sampler | TOC Standard    |      | 2017/11/06 13:51   |                       |
| Boat Sampler | Sample          |      | 2017/11/06 13:56   |                       |
| Boat Sampler | ...Sample       | ..   | ..2017/11/06 14:00 | ..Low Sample Detected |

```
=====
Sample ID:   BLANK                      Mode:      TOC
Method:      Boat Sampler                Filename:   11061321
Cal. Curve:  TOC SOIL                   Timestamp: 2017/11/06 13:24
Operator ID: AP AK                       Sample Type: TOC Standard
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 72271    | 0.806                 | 0.974              | 120                 |

-----  
Last Message: Low Sample Detected  
=====

```
Sample ID:   250mg/l                    Mode:      TOC
Method:      Boat Sampler                Filename:   11061325
Cal. Curve:  TOC SOIL                   Timestamp: 2017/11/06 13:28
Operator ID: AP AK                       Sample Type: TOC Standard
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 952874   | 0.724                 | 1.721              | 77                  |

```
Sample ID:   500mg/l                    Mode:      TOC
Method:      Boat Sampler                Filename:   11061329
Cal. Curve:  TOC SOIL                   Timestamp: 2017/11/06 13:32
Operator ID: AP AK                       Sample Type: TOC Standard
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 1884859  | 0.764                 | 1.764              | 95                  |

```
Sample ID:   1000mg/l                   Mode:      TOC
Method:      Boat Sampler                Filename:   11061333
Cal. Curve:  TOC SOIL                   Timestamp: 2017/11/06 13:37
Operator ID: AP AK                       Sample Type: TOC Standard
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 3764083  | 0.769                 | 1.768              | 131                 |

```
Sample ID:   2000mg/l                   Mode:      TOC
Method:      Boat Sampler                Filename:   11061347
Cal. Curve:  TOC SOIL                   Timestamp: 2017/11/06 13:51
Operator ID: AP AK                       Sample Type: TOC Standard
```

| Rep # | ppm C | ug C | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1     |       |      | 7461318  | 0.790                 | 1.790              | 214                 |

```
Sample ID:   ICV                        Mode:      TOC
Method:      Boat Sampler                Filename:   11061352
Cal. Curve:  TOC SOIL                   Timestamp: 2017/11/06 13:56
Operator ID: AP AK                       Sample Type: Sample
```

| Rep # | ppm C    | ug C    | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|----------|---------|----------|-----------------------|--------------------|---------------------|
| 1     | 925.8488 | 37.0340 | 3431497  | 1.049                 | 2.047              | 116                 |

```
Sample ID:   ICB                        Mode:      TOC
Method:      Boat Sampler                Filename:   11061357
Cal. Curve:  TOC SOIL                   Timestamp: 2017/11/06 14:00
```

Operator ID: AP AK

Sample Type: Sample

| Rep # | ppm C   | ug C   | Raw Data | Beginning<br>Baseline | Ending<br>Baseline | Integration<br>Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1     | 20.2760 | 0.8110 | 75149    | 0.949                 | 1.029              | 120                 |

-----  
Last Message: Low Sample Detected

=====



Cal. Curve ID: TOC SOIL  
Created: 2017/11/06 13:52  
Calibration Factor (m): 9.266e+04  
Y Intercept (b): 47337  
r-squared: 0.99996

| Standard ID | Y<br>Raw Data | X Expected<br>ug C | Measured<br>ug C | Message       | Date &<br>Time   |
|-------------|---------------|--------------------|------------------|---------------|------------------|
| BLANK       | 72271         | 0.000              | 0.269            | Low Sample De | 2017/11/06 13:24 |
| 250mg/l     | 952874        | 10.000             | 9.773            |               | 2017/11/06 13:28 |
| 500mg/l     | 1884859       | 20.000             | 19.831           |               | 2017/11/06 13:32 |
| 1000mg/l    | 3764083       | 40.000             | 40.112           |               | 2017/11/06 13:37 |
| 2000mg/l    | 7461318       | 80.000             | 80.014           |               | 2017/11/06 13:51 |

**CHEMTECH****SOP ID: MLLOYD KAHN-TOC**

Analyst: AK

**QA Control Code: A2040083**

Balance ID : WC SC-2

| Sample ID   | Weight (mg) | Results (PPM) | Average-Results (PPM) | RSD   | STDEV                                                                                                 |
|-------------|-------------|---------------|-----------------------|-------|-------------------------------------------------------------------------------------------------------|
| LB91441BLS  | 40          | 9.4           | 10                    | 4.37  | 306.52<br>which is<br>less than<br>3X2874.86<br>=8624.58<br>* 2874.86 is<br>STDEV<br>for 15 replicate |
| LB91441BLS  | 40          | 10            |                       |       |                                                                                                       |
| LB91441BSS  | 40          | 926           | 952                   | 3.79  |                                                                                                       |
| LB91441BSS  | 40          | 977           |                       |       |                                                                                                       |
| I6340-01    | 13.2        | 1469          | 1693                  | 18.11 |                                                                                                       |
| I6340-01    | 15.8        | 1803          |                       |       |                                                                                                       |
| I6340-01    | 17.1        | 2076          |                       |       |                                                                                                       |
| I6340-01    | 14.6        | 1423          |                       |       |                                                                                                       |
| I6340-01DUP | 13          | 1950          | 1971                  | 1.47  |                                                                                                       |
| I6340-01DUP | 12.9        | 1991          |                       |       |                                                                                                       |
| I6340-01MS  | 12.9        | 2353          | 2322                  | 1.92  |                                                                                                       |
| I6340-01MS  | 13.5        | 2290          |                       |       |                                                                                                       |
| I6340-02    | 11.5        | 905           | 924                   | 2.83  | I5026-02<br>SAMPLE<br>run on<br>9/8/2017                                                              |
| I6340-02    | 11.7        | 942           |                       |       |                                                                                                       |
| I6340-03    | 8.8         | 22129         | 21184                 | 6.31  |                                                                                                       |
| I6340-03    | 8.7         | 20239         |                       |       |                                                                                                       |
| I6340-04    | 9.4         | 12628         | 13745                 | 11.49 |                                                                                                       |
| I6340-04    | 8.3         | 14861         |                       |       |                                                                                                       |
| I6340-05    | 8.4         | 27194         | 26813                 | 2.01  |                                                                                                       |
| I6340-05    | 8.4         | 26432         |                       |       |                                                                                                       |
| I6340-06    | 9.9         | 13388         | 14239                 | 8.45  |                                                                                                       |
| I6340-06    | 8.4         | 15089         |                       |       |                                                                                                       |
| I6340-07    | 8           | 26030         | 27363                 | 6.89  |                                                                                                       |
| I6340-07    | 8.4         | 28695         |                       |       |                                                                                                       |
| I6340-08    | 10.2        | 15000         | 17048                 | 16.99 |                                                                                                       |
| I6340-08    | 9.2         | 19096         |                       |       |                                                                                                       |
| I6340-09    | 9           | 14742         | 15068                 | 3.06  |                                                                                                       |
| I6340-09    | 8.7         | 15394         |                       |       |                                                                                                       |
| I6340-10    | 9.9         | 10439         | 9718                  | 10.49 |                                                                                                       |
| I6340-10    | 9.6         | 8997          |                       |       |                                                                                                       |
| I6340-11    | 8.5         | 23250         | 24574                 | 7.62  |                                                                                                       |
| I6340-11    | 8.1         | 25898         |                       |       |                                                                                                       |
| I6340-12    | 9           | 13266         | 13140                 | 1.36  |                                                                                                       |
| I6340-12    | 8.9         | 13014         |                       |       |                                                                                                       |
| I6340-13    | 8.7         | 23777         | 23433                 | 2.08  |                                                                                                       |
| I6340-13    | 8.1         | 23088         |                       |       |                                                                                                       |
| I6340-14    | 13.8        | 2846          | 2800                  | 2.32  |                                                                                                       |
| I6340-14    | 12.3        | 2754          |                       |       |                                                                                                       |
| I6340-16    | 11.8        | 1147          | 1302                  | 16.84 |                                                                                                       |
| I6340-16    | 11.9        | 1457          |                       |       |                                                                                                       |
| I6340-17    | 10.4        | 6427          | 5929                  | 11.88 |                                                                                                       |
| I6340-17    | 10          | 5431          |                       |       |                                                                                                       |
| LB91441BLS2 | 40          | 2.1           | 2                     | 20.20 |                                                                                                       |
| LB91441BLS2 | 40          | 2.8           |                       |       |                                                                                                       |
| LB91441BSS2 | 40          | 1028          | 1002                  | 3.67  |                                                                                                       |
| LB91441BSS2 | 40          | 976           |                       |       |                                                                                                       |
| I6340-18    | 11          | 1318          | 1524                  | 19.12 |                                                                                                       |

| Sample ID   | Weight (mg) | Results (PPM) | Average-Results (PPM) | RSD   | STDEV                                                                                       |
|-------------|-------------|---------------|-----------------------|-------|---------------------------------------------------------------------------------------------|
| I6340-18    | 13.3        | 1730          |                       |       |                                                                                             |
| I6340-19    | 12.8        | 871           | 882                   | 1.76  |                                                                                             |
| I6340-19    | 12.2        | 893           |                       |       |                                                                                             |
| I6340-20    | 14.4        | 527           | 576                   | 10.26 | 59.04                                                                                       |
| I6340-20    | 14.3        | 531           |                       |       | which is<br>less than<br>3X2874.86<br>=8624.58<br>* 2874.86 is<br>STDEV<br>for 15 replicate |
| I6340-20    | 14.6        | 652           |                       |       |                                                                                             |
| I6340-20    | 14.5        | 592           |                       |       |                                                                                             |
| I6340-20DUP | 14.8        | 453           | 525                   | 19.39 |                                                                                             |
| I6340-20DUP | 14.4        | 597           |                       |       |                                                                                             |
| I6340-20MS  | 13.7        | 1397          | 1505                  | 10.15 | I5026-02<br>SAMPLE<br>run on<br>9/8/2017                                                    |
| I6340-20MS  | 12.5        | 1613          |                       |       |                                                                                             |
| I6340-21    | 8.6         | 28092         | 25527                 | 14.21 |                                                                                             |
| I6340-21    | 8.7         | 22962         |                       |       |                                                                                             |
| I6343-01    | 9.9         | 4459          | 5078                  | 17.24 |                                                                                             |
| I6343-01    | 11.8        | 5697          |                       |       |                                                                                             |
| I6343-02    | 13.8        | 1121          | 1120                  | 0.13  |                                                                                             |
| I6343-02    | 12.7        | 1119          |                       |       |                                                                                             |
| I6343-03    | 12.6        | 2498          | 2282                  | 13.39 |                                                                                             |
| I6343-03    | 13.4        | 2066          |                       |       |                                                                                             |
| I6343-04    | 11.1        | 644           | 582                   | 15.07 |                                                                                             |
| I6343-04    | 11.7        | 520           |                       |       |                                                                                             |
| I6343-05    | 9.2         | 14171         | 13621                 | 5.72  |                                                                                             |
| I6343-05    | 8           | 13070         |                       |       |                                                                                             |
| I6343-06    | 10.9        | 925           | 872                   | 8.60  |                                                                                             |
| I6343-06    | 13.6        | 819           |                       |       |                                                                                             |
| I6343-07    | 12.3        | 2742          | 2780                  | 1.91  |                                                                                             |
| I6343-07    | 13.3        | 2817          |                       |       |                                                                                             |
| I6343-10    | 12.1        | 348           | 307                   | 18.89 |                                                                                             |
| I6343-10    | 12.7        | 266           |                       |       |                                                                                             |
| I6343-11    | 13.3        | 211           | 188                   | 17.72 |                                                                                             |
| I6343-11    | 13.1        | 164           |                       |       |                                                                                             |
| I6343-12    | 11.7        | 342           | 352                   | 4.02  |                                                                                             |
| I6343-12    | 11          | 362           |                       |       |                                                                                             |
| I6343-13    | 14          | 352           | 324                   | 12.46 |                                                                                             |
| I6343-13    | 13.1        | 295           |                       |       |                                                                                             |