

# MERCURY ANALYSIS LOGBOOK

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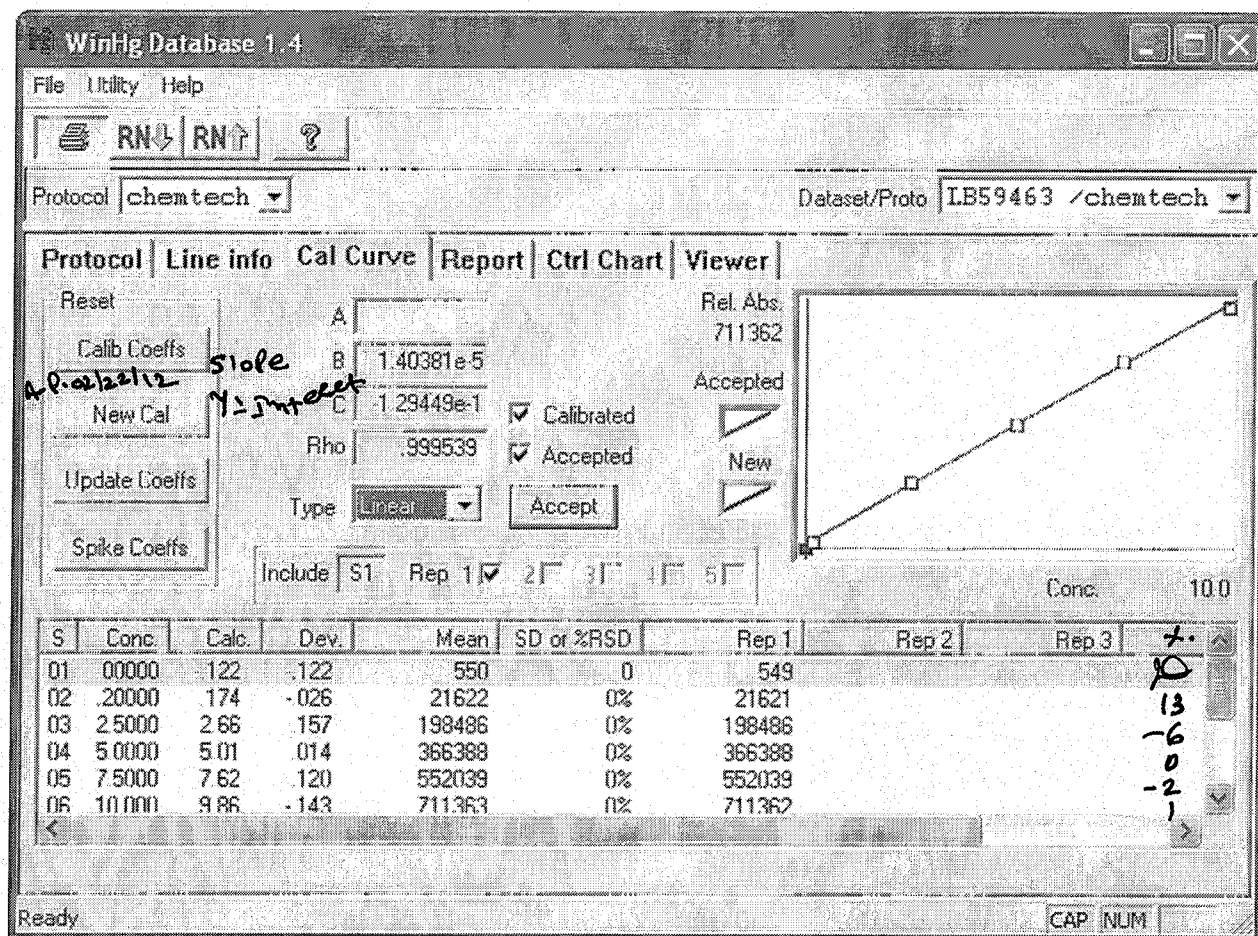
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Instrument ID: V2 LB59463 A-1.

| Line                   | Conc. | Units | SD/RSD | 1      | 2 | 3                  | 4  | 5 |
|------------------------|-------|-------|--------|--------|---|--------------------|----|---|
| *** Standard: 1 Rep: 1 |       |       | 50     | Seq: 1 |   | 14:14:18 22 Feb 12 | HG |   |
| Hg                     | .000  | ppb   | 549    |        |   |                    |    |   |
| *** Standard: 2 Rep: 1 |       |       | 50.2   | Seq: 2 |   | 14:16:31 22 Feb 12 | HG |   |
| Hg                     | .200  | ppb   | 21621  |        |   |                    |    |   |
| *** Standard: 3 Rep: 1 |       |       | 52.5   | Seq: 3 |   | 14:18:51 22 Feb 12 | HG |   |
| Hg                     | 2.50  | ppb   | 198486 |        |   |                    |    |   |
| *** Standard: 4 Rep: 1 |       |       | 55.0   | Seq: 4 |   | 14:21:19 22 Feb 12 | HG |   |
| Hg                     | 5.00  | ppb   | 366388 |        |   |                    |    |   |
| *** Standard: 5 Rep: 1 |       |       | 57.5   | Seq: 5 |   | 14:23:37 22 Feb 12 | HG |   |
| Hg                     | 7.50  | ppb   | 552039 |        |   |                    |    |   |
| *** Standard: 6 Rep: 1 |       |       | 510.0  | Seq: 6 |   | 14:25:44 22 Feb 12 | HG |   |
| Hg                     | 10.0  | ppb   | 711362 |        |   |                    |    |   |

02/22/12 A.P.

| Line  | Conc.                | Units | SD/RSD  | 1       | 2 | 3                  | 4 | 5  |
|-------|----------------------|-------|---------|---------|---|--------------------|---|----|
| ----- |                      |       |         |         |   |                    |   |    |
| ***   | Sample ID: ICV       |       |         | Seq: 7  |   | 14:27:51 22 Feb 12 |   | HG |
|       |                      |       | ICV59   |         |   |                    |   |    |
| Hg    | 3.89                 | ppb   | .000    | 3.89    |   |                    |   |    |
| ***   | Sample ID: ICB       |       |         | Seq: 8  |   | 14:30:39 22 Feb 12 |   | HG |
|       |                      |       | ICB59   |         |   |                    |   |    |
| Hg    | -.178                | ppb   | .000    | -.178   |   |                    |   |    |
| ***   | Sample ID: CCV       |       |         | Seq: 9  |   | 14:33:10 22 Feb 12 |   | HG |
|       |                      |       | CCV59   |         |   |                    |   |    |
| Hg    | 5.36                 | ppb   | .000    | 5.36    |   |                    |   |    |
| ***   | Sample ID: CCB       |       |         | Seq: 10 |   | 14:35:09 22 Feb 12 |   | HG |
|       |                      |       | CCB59   |         |   |                    |   |    |
| Hg    | -.009                | ppb   | .000    | -.009   |   |                    |   |    |
| ***   | Sample ID: PB61299BL |       |         | Seq: 11 |   | 14:37:09 22 Feb 12 |   | HG |
|       |                      |       | PBS01   |         |   |                    |   |    |
| Hg    | -.044                | ppb   | .000    | -.044   |   |                    |   |    |
| ***   | Sample ID: D1502-01  |       |         | Seq: 12 |   | 14:39:20 22 Feb 12 |   | HG |
|       |                      |       | MJRBT1  |         |   |                    |   |    |
| Hg    | 21.7                 | ppb   | .000    | 21.7    |   |                    |   |    |
| ***   | Sample ID: D1502-02  |       |         | Seq: 13 |   | 14:41:24 22 Feb 12 |   | HG |
|       |                      |       | MJRBT2  |         |   |                    |   |    |
| Hg    | 24.6                 | ppb   | .000    | 24.6    |   |                    |   |    |
| ***   | Sample ID: D1502-03  |       |         | Seq: 14 |   | 14:43:24 22 Feb 12 |   | HG |
|       |                      |       | MJRBT3  |         |   |                    |   |    |
| Hg    | 34.2                 | ppb   | .000    | 34.2    |   |                    |   |    |
| ***   | Sample ID: D1502-04  |       |         | Seq: 15 |   | 14:45:37 22 Feb 12 |   | HG |
|       |                      |       | MJRBT4  |         |   |                    |   |    |
| Hg    | 36.2                 | ppb   | .000    | 36.2    |   |                    |   |    |
| ***   | Sample ID: D1502-05  |       |         | Seq: 16 |   | 14:47:40 22 Feb 12 |   | HG |
|       |                      |       | MJRBT5  |         |   |                    |   |    |
| Hg    | .054                 | ppb   | .000    | .054    |   |                    |   |    |
| ***   | Sample ID: D1502-06  |       |         | Seq: 17 |   | 14:49:40 22 Feb 12 |   | HG |
|       |                      |       | MJRBT5D |         |   |                    |   |    |
| Hg    | .052                 | ppb   | .000    | .052    |   |                    |   |    |
| ***   | Sample ID: D1502-07  |       |         | Seq: 18 |   | 14:51:51 22 Feb 12 |   | HG |
|       |                      |       | MJRBT5S |         |   |                    |   |    |
| Hg    | 2.48                 | ppb   | .000    | 2.48    |   |                    |   |    |

| Line  | Conc.               | Units | SD/RSD | 1       | 2 | 3                  | 4 | 5  |
|-------|---------------------|-------|--------|---------|---|--------------------|---|----|
| ----- |                     |       |        |         |   |                    |   |    |
| ***   | Sample ID: D1502-08 |       |        | Seq: 19 |   | 14:54:50 22 Feb 12 |   | HG |
|       |                     |       | MJRBT6 |         |   |                    |   |    |
| Hg    | 58.0                | ppb   | .000   | 58.0    |   |                    |   |    |
| ***   | Sample ID: D1502-09 |       |        | Seq: 20 |   | 14:56:52 22 Feb 12 |   | HG |
|       |                     |       | MJRBT7 |         |   |                    |   |    |
| Hg    | 35.7                | ppb   | .000   | 35.7    |   |                    |   |    |
| ***   | Sample ID: D1502-10 |       |        | Seq: 21 |   | 14:59:22 22 Feb 12 |   | HG |
|       |                     |       | MJRBT8 |         |   |                    |   |    |
| Hg    | 12.3                | ppb   | .000   | 12.3    |   |                    |   |    |
| ***   | Sample ID: D1502-11 |       |        | Seq: 22 |   | 15:01:45 22 Feb 12 |   | HG |
|       |                     |       | MJRBT9 |         |   |                    |   |    |
| Hg    | 9.98                | ppb   | .000   | 9.98    |   |                    |   |    |
| ***   | Sample ID: D1502-12 |       |        | Seq: 23 |   | 15:03:47 22 Feb 12 |   | HG |
|       |                     |       | MJRBT0 |         |   |                    |   |    |
| Hg    | 20.6                | ppb   | .000   | 20.6    |   |                    |   |    |
| ***   | Sample ID: D1502-13 |       |        | Seq: 24 |   | 15:05:46 22 Feb 12 |   | HG |
|       |                     |       | MJRBT1 |         |   |                    |   |    |
| Hg    | 15.1                | ppb   | .000   | 15.1    |   |                    |   |    |
| ***   | Sample ID: D1502-14 |       |        | Seq: 25 |   | 15:07:46 22 Feb 12 |   | HG |
|       |                     |       | MJRBT3 |         |   |                    |   |    |
| Hg    | .039                | ppb   | .000   | .039    |   |                    |   |    |
| ***   | Sample ID: D1502-15 |       |        | Seq: 26 |   | 15:10:36 22 Feb 12 |   | HG |
|       |                     |       | MJRBT4 |         |   |                    |   |    |
| Hg    | 45.4                | ppb   | .000   | 45.4    |   |                    |   |    |
| ***   | Sample ID: D1502-16 |       |        | Seq: 27 |   | 15:12:38 22 Feb 12 |   | HG |
|       |                     |       | MJRBT5 |         |   |                    |   |    |
| Hg    | 10.5                | ppb   | .000   | 10.5    |   |                    |   |    |
| ***   | Sample ID: D1502-17 |       |        | Seq: 28 |   | 15:14:40 22 Feb 12 |   | HG |
|       |                     |       | MJRBT6 |         |   |                    |   |    |
| Hg    | 19.3                | ppb   | .000   | 19.3    |   |                    |   |    |
| ***   | Sample ID: D1502-18 |       |        | Seq: 29 |   | 15:17:01 22 Feb 12 |   | HG |
|       |                     |       | MJRBT7 |         |   |                    |   |    |
| Hg    | 32.1                | ppb   | .000   | 32.1    |   |                    |   |    |
| ***   | Sample ID: D1502-19 |       |        | Seq: 30 |   | 15:19:01 22 Feb 12 |   | HG |
|       |                     |       | MJRBT8 |         |   |                    |   |    |
| Hg    | -.028               | ppb   | .000   | -.028   |   |                    |   |    |

| Line  | Conc.                | Units | SD/RSD | 1     | 2  | 3                  | 4 | 5  |
|-------|----------------------|-------|--------|-------|----|--------------------|---|----|
| ----- |                      |       |        |       |    |                    |   |    |
| ***   | Sample ID: CCV       |       |        | Seq:  | 31 | 15:21:05 22 Feb 12 |   | HG |
|       |                      |       | CCV60  |       |    |                    |   |    |
| Hg    | 5.10                 | ppb   | .000   | 5.10  |    |                    |   |    |
| ***   | Sample ID: CCB       |       |        | Seq:  | 32 | 15:23:17 22 Feb 12 |   | HG |
|       |                      |       | CCB60  |       |    |                    |   |    |
| Hg    | -.132                | ppb   | .000   | -.132 |    |                    |   |    |
| ***   | Sample ID: D1502-20  |       |        | Seq:  | 33 | 15:25:22 22 Feb 12 |   | HG |
|       |                      |       | MJRBW9 |       |    |                    |   |    |
| Hg    | 29.2                 | ppb   | .000   | 29.2  |    |                    |   |    |
| ***   | Sample ID: D1502-21  |       |        | Seq:  | 34 | 15:27:42 22 Feb 12 |   | HG |
|       |                      |       | MJRBX0 |       |    |                    |   |    |
| Hg    | .075                 | ppb   | .000   | .075  |    |                    |   |    |
| ***   | Sample ID: D1502-22  |       |        | Seq:  | 35 | 15:29:41 22 Feb 12 |   | HG |
|       |                      |       | MJRBX1 |       |    |                    |   |    |
| Hg    | 7.40                 | ppb   | .000   | 7.40  |    |                    |   |    |
| ***   | Sample ID: PB61300BL |       |        | Seq:  | 36 | 15:31:43 22 Feb 12 |   | HG |
|       |                      |       | PBS01  |       |    |                    |   |    |
| Hg    | -.155                | ppb   | .000   | -.155 |    |                    |   |    |
| ***   | Sample ID: D1503-01  |       |        | Seq:  | 37 | 15:33:48 22 Feb 12 |   | HG |
|       |                      |       | MJRBX3 |       |    |                    |   |    |
| Hg    | 30.6                 | ppb   | .000   | 30.6  |    |                    |   |    |
| ***   | Sample ID: D1503-02  |       |        | Seq:  | 38 | 15:35:54 22 Feb 12 |   | HG |
|       |                      |       | MJRBX4 |       |    |                    |   |    |
| Hg    | -.028                | ppb   | .000   | -.028 |    |                    |   |    |
| ***   | Sample ID: D1503-03  |       |        | Seq:  | 39 | 15:37:55 22 Feb 12 |   | HG |
|       |                      |       | MJRBX5 |       |    |                    |   |    |
| Hg    | .125                 | ppb   | .000   | .125  |    |                    |   |    |
| ***   | Sample ID: D1503-04  |       |        | Seq:  | 40 | 15:39:59 22 Feb 12 |   | HG |
|       |                      |       | MJRBX6 |       |    |                    |   |    |
| Hg    | .315                 | ppb   | .000   | .315  |    |                    |   |    |
| ***   | Sample ID: D1503-05  |       |        | Seq:  | 41 | 15:42:04 22 Feb 12 |   | HG |
|       |                      |       | MJRBX7 |       |    |                    |   |    |
| Hg    | -.035                | ppb   | .000   | -.035 |    |                    |   |    |
| ***   | Sample ID: D1503-06  |       |        | Seq:  | 42 | 15:44:17 22 Feb 12 |   | HG |
|       |                      |       | MJRBX8 |       |    |                    |   |    |
| Hg    | 25.0                 | ppb   | .000   | 25.0  |    |                    |   |    |

Protocol: chemtech

\*\*\*POST-RUN REPORT\*\*\*

| Line                    | Conc. | Units | SD/RSD  | 1       | 2        | 3         | 4  | 5 |
|-------------------------|-------|-------|---------|---------|----------|-----------|----|---|
| *** Sample ID: D1503-07 |       |       |         |         |          |           |    |   |
|                         |       |       |         | Seq: 43 | 15:46:17 | 22 Feb 12 | HG |   |
|                         |       |       | MJRBX9  |         |          |           |    |   |
| Hg                      | 35.2  | ppb   | .000    | 35.2    |          |           |    |   |
| =====                   |       |       |         |         |          |           |    |   |
| *** Sample ID: D1503-08 |       |       |         |         |          |           |    |   |
|                         |       |       |         | Seq: 44 | 15:48:20 | 22 Feb 12 | HG |   |
|                         |       |       | MJRBY0  |         |          |           |    |   |
| Hg                      | 6.65  | ppb   | .000    | 6.65    |          |           |    |   |
| =====                   |       |       |         |         |          |           |    |   |
| *** Sample ID: D1503-09 |       |       |         |         |          |           |    |   |
|                         |       |       |         | Seq: 45 | 15:50:43 | 22 Feb 12 | HG |   |
|                         |       |       | MJRBY1  |         |          |           |    |   |
| Hg                      | 19.7  | ppb   | .000    | 19.7    |          |           |    |   |
| =====                   |       |       |         |         |          |           |    |   |
| *** Sample ID: D1503-10 |       |       |         |         |          |           |    |   |
|                         |       |       |         | Seq: 46 | 15:53:05 | 22 Feb 12 | HG |   |
|                         |       |       | MJRBY2  |         |          |           |    |   |
| Hg                      | 16.5  | ppb   | .000    | 16.5    |          |           |    |   |
| =====                   |       |       |         |         |          |           |    |   |
| *** Sample ID: D1503-11 |       |       |         |         |          |           |    |   |
|                         |       |       |         | Seq: 47 | 15:55:18 | 22 Feb 12 | HG |   |
|                         |       |       | MJRBY3  |         |          |           |    |   |
| Hg                      | 21.2  | ppb   | .000    | 21.2    |          |           |    |   |
| =====                   |       |       |         |         |          |           |    |   |
| *** Sample ID: D1503-12 |       |       |         |         |          |           |    |   |
|                         |       |       |         | Seq: 48 | 15:57:18 | 22 Feb 12 | HG |   |
|                         |       |       | MJRBY4  |         |          |           |    |   |
| Hg                      | 59.3  | ppb   | .000    | 59.3    |          |           |    |   |
| =====                   |       |       |         |         |          |           |    |   |
| *** Sample ID: D1503-13 |       |       |         |         |          |           |    |   |
|                         |       |       |         | Seq: 49 | 15:59:20 | 22 Feb 12 | HG |   |
|                         |       |       | MJRBY5  |         |          |           |    |   |
| Hg                      | -.064 | ppb   | .000    | -.064   |          |           |    |   |
| =====                   |       |       |         |         |          |           |    |   |
| *** Sample ID: D1503-14 |       |       |         |         |          |           |    |   |
|                         |       |       |         | Seq: 50 | 16:01:24 | 22 Feb 12 | HG |   |
|                         |       |       | MJRBY5D |         |          |           |    |   |
| Hg                      | .073  | ppb   | .000    | .073    |          |           |    |   |
| =====                   |       |       |         |         |          |           |    |   |
| *** Sample ID: D1503-15 |       |       |         |         |          |           |    |   |
|                         |       |       |         | Seq: 51 | 16:03:29 | 22 Feb 12 | HG |   |
|                         |       |       | MJRBY5S |         |          |           |    |   |
| Hg                      | 2.73  | ppb   | .000    | 2.73    |          |           |    |   |
| =====                   |       |       |         |         |          |           |    |   |
| *** Sample ID: D1503-16 |       |       |         |         |          |           |    |   |
|                         |       |       |         | Seq: 52 | 16:05:30 | 22 Feb 12 | HG |   |
|                         |       |       | MJRBY6  |         |          |           |    |   |
| Hg                      | 11.6  | ppb   | .000    | 11.6    |          |           |    |   |
| =====                   |       |       |         |         |          |           |    |   |

Protocol: chemtech

\*\*\*POST-RUN REPORT\*\*\*

| Line  | Conc.          | Units | SD/RSD | 1       | 2                  | 3 | 4 | 5  |
|-------|----------------|-------|--------|---------|--------------------|---|---|----|
| ----- |                |       |        |         |                    |   |   |    |
| ***   | Sample ID: CCV |       |        | Seq: 53 | 16:08:21 22 Feb 12 |   |   | HG |
|       |                |       | CCV61  |         |                    |   |   |    |
| Hg    | 5.25           | ppb   | .000   | 5.25    |                    |   |   | =  |
| ===== |                |       |        |         |                    |   |   |    |
| ***   | Sample ID: CCB |       |        | Seq: 57 | 16:17:45 22 Feb 12 |   |   | HG |
|       |                |       | CCB61  |         |                    |   |   |    |
| Hg    | -.117          | ppb   | .000   | -.117   |                    |   |   | =  |



| Line  | Conc. | Units | SD/RSD                       | 1       | 2 | 3                  | 4  | 5 |
|---|-------|-------|------------------------------|---------|---|--------------------|----|---|
| -----   |       |       |                              |         |   |                    |    |   |
| *** Sample ID: D1503-17   |       |       |                              | Seq: 58 |   | 16:19:48 22 Feb 12 | HG |   |
|   |       |       | MJRBY7                       |         |   |                    |    |   |
| Hg  | 11.8  | ppb   | .000                         | 11.8    |   |                    |    |   |
| *** Sample ID: D1503-18   |       |       |                              | Seq: 59 |   | 16:22:08 22 Feb 12 | HG |   |
|   |       |       | MJRBY8                       |         |   |                    |    |   |
| Hg  | 28.9  | ppb   | .000                         | 28.9    |   |                    |    |   |
| *** Sample ID: D1503-19   |       |       |                              | Seq: 60 |   | 16:24:28 22 Feb 12 | HG |   |
|   |       |       | MJRBY9                       |         |   |                    |    |   |
| Hg  | 17.6  | ppb   | .000                         | 17.6    |   |                    |    |   |
| *** Sample ID: D1503-20   |       |       |                              | Seq: 61 |   | 16:26:38 22 Feb 12 | HG |   |
|   |       |       | MJRBZ0                       |         |   |                    |    |   |
| Hg  | 13.8  | ppb   | .000                         | 13.8    |   |                    |    |   |
| *** Sample ID: D1503-21   |       |       |                              | Seq: 62 |   | 16:28:49 22 Feb 12 | HG |   |
|   |       |       | MJRBZ1                       |         |   |                    |    |   |
| Hg  | 11.9  | ppb   | .000                         | 11.9    |   |                    |    |   |
| *** Sample ID: D1503-22   |       |       |                              | Seq: 63 |   | 16:31:20 22 Feb 12 | HG |   |
|   |       |       | MJRBZ2                       |         |   |                    |    |   |
| Hg  | 19.4  | ppb   | .000                         | 19.4    |   |                    |    |   |
| *** Sample ID: <del>BB61301BL</del> <i>2222</i> <i>A-P 02122112</i> |       |       | <del>PBS01</del> <i>2222</i> | Seq: 64 |   | 16:33:35 22 Feb 12 | HG |   |
| Hg  | -.228 | ppb   | .000                         | -.228   |   |                    |    |   |
| *** Sample ID: D1504-01   |       |       |                              | Seq: 65 |   | 16:35:45 22 Feb 12 | HG |   |
|   |       |       | MJRBW2                       |         |   |                    |    |   |
| Hg  | 17.3  | ppb   | .000                         | 17.3    |   |                    |    |   |
| *** Sample ID: D1504-02   |       |       |                              | Seq: 66 |   | 16:37:44 22 Feb 12 | HG |   |
|   |       |       | MJRBW2D                      |         |   |                    |    |   |
| Hg  | 15.3  | ppb   | .000                         | 15.3    |   |                    |    |   |
| *** Sample ID: D1504-03   |       |       |                              | Seq: 67 |   | 16:41:03 22 Feb 12 | HG |   |
|   |       |       | MJRBW2S                      |         |   |                    |    |   |
| Hg  | 20.6  | ppb   | .000                         | 20.6    |   |                    |    |   |
| *** Sample ID: D1504-04   |       |       |                              | Seq: 68 |   | 16:43:33 22 Feb 12 | HG |   |
|   |       |       | MJRBZ5                       |         |   |                    |    |   |
| Hg  | 19.6  | ppb   | .000                         | 19.6    |   |                    |    |   |
| *** Sample ID: D1504-05   |       |       |                              | Seq: 69 |   | 16:45:42 22 Feb 12 | HG |   |
|   |       |       | MJRBZ6                       |         |   |                    |    |   |
| Hg  | 34.0  | ppb   | .000                         | 34.0    |   |                    |    |   |

| Line  | Conc.                | Units | SD/RSD | 1     | 2  | 3 | 4                  | 5  |
|-------|----------------------|-------|--------|-------|----|---|--------------------|----|
| ----- |                      |       |        |       |    |   |                    |    |
| ***   | Sample ID: D1504-06  |       |        | Seq:  | 70 |   | 16:48:11 22 Feb 12 | HG |
|       |                      |       | MJRBZ7 |       |    |   |                    |    |
| Hg    | 39.3                 | ppb   | .000   | 39.3  |    |   |                    |    |
| ***   | Sample ID: D1504-07  |       |        | Seq:  | 71 |   | 16:50:17 22 Feb 12 | HG |
|       |                      |       | MJRBZ8 |       |    |   |                    |    |
| Hg    | 20.2                 | ppb   | .000   | 20.2  |    |   |                    |    |
| ***   | Sample ID: D1504-08  |       |        | Seq:  | 72 |   | 16:52:26 22 Feb 12 | HG |
|       |                      |       | MJRBZ9 |       |    |   |                    |    |
| Hg    | 14.3                 | ppb   | .000   | 14.3  |    |   |                    |    |
| ***   | Sample ID: D1504-09  |       |        | Seq:  | 73 |   | 16:54:49 22 Feb 12 | HG |
|       |                      |       | MJRBX2 |       |    |   |                    |    |
| Hg    | 17.0                 | ppb   | .000   | 17.0  |    |   |                    |    |
| ***   | Sample ID: D1504-10  |       |        | Seq:  | 74 |   | 16:57:24 22 Feb 12 | HG |
|       |                      |       | MJRBZ3 |       |    |   |                    |    |
| Hg    | 24.0                 | ppb   | .000   | 24.0  |    |   |                    |    |
| ***   | Sample ID: D1504-11  |       |        | Seq:  | 75 |   | 16:59:26 22 Feb 12 | HG |
|       |                      |       | MJRBZ4 |       |    |   |                    |    |
| Hg    | 22.1                 | ppb   | .000   | 22.1  |    |   |                    |    |
| ***   | Sample ID: PB61309BL |       |        | Seq:  | 76 |   | 17:01:27 22 Feb 12 | HG |
|       |                      |       | PBS01  |       |    |   |                    |    |
| Hg    | -.189                | ppb   | .000   | -.189 |    |   |                    |    |
| ***   | Sample ID: CCV       |       |        | Seq:  | 77 |   | 17:03:30 22 Feb 12 | HG |
|       |                      |       | CCV62  |       |    |   |                    |    |
| Hg    | 5.29                 | ppb   | .000   | 5.29  |    |   |                    |    |
| ***   | Sample ID: CCB       |       |        | Seq:  | 78 |   | 17:06:22 22 Feb 12 | HG |
|       |                      |       | CCB62  |       |    |   |                    |    |
| Hg    | -.142                | ppb   | .000   | -.142 |    |   |                    |    |
| ***   | Sample ID: D1506-01  |       |        | Seq:  | 79 |   | 17:08:26 22 Feb 12 | HG |
|       |                      |       | MJRC00 |       |    |   |                    |    |
| Hg    | 21.8                 | ppb   | .000   | 21.8  |    |   |                    |    |
| ***   | Sample ID: D1506-02  |       |        | Seq:  | 80 |   | 17:10:39 22 Feb 12 | HG |
|       |                      |       | MJRC01 |       |    |   |                    |    |
| Hg    | 27.4                 | ppb   | .000   | 27.4  |    |   |                    |    |
| ***   | Sample ID: D1506-03  |       |        | Seq:  | 81 |   | 17:12:44 22 Feb 12 | HG |
|       |                      |       | MJRC02 |       |    |   |                    |    |
| Hg    | 33.0                 | ppb   | .000   | 33.0  |    |   |                    |    |

| Line  | Conc.      | Units    | SD/RSD  | 1     | 2  | 3 | 4                  | 5  |
|-------|------------|----------|---------|-------|----|---|--------------------|----|
| ----- |            |          |         |       |    |   |                    |    |
| ***   | Sample ID: | D1506-04 |         | Seq:  | 82 |   | 17:14:50 22 Feb 12 | HG |
|       |            |          | MJRC03  |       |    |   |                    |    |
| Hg    | 40.6       | ppb      | .000    | 40.6  |    |   |                    |    |
| ***   | Sample ID: | D1506-05 |         | Seq:  | 83 |   | 17:17:24 22 Feb 12 | HG |
|       |            |          | MJRC04  |       |    |   |                    |    |
| Hg    | -.219      | ppb      | .000    | -.219 |    |   |                    |    |
| ***   | Sample ID: | D1506-06 |         | Seq:  | 84 |   | 17:19:34 22 Feb 12 | HG |
|       |            |          | MJRC04D |       |    |   |                    |    |
| Hg    | .010       | ppb      | .000    | .010  |    |   |                    |    |
| ***   | Sample ID: | D1506-07 |         | Seq:  | 85 |   | 17:21:56 22 Feb 12 | HG |
|       |            |          | MJRC04S |       |    |   |                    |    |
| Hg    | 2.71       | ppb      | .000    | 2.71  |    |   |                    |    |
| ***   | Sample ID: | D1506-08 |         | Seq:  | 86 |   | 17:24:28 22 Feb 12 | HG |
|       |            |          | MJRC05  |       |    |   |                    |    |
| Hg    | 45.4       | ppb      | .000    | 45.4  |    |   |                    |    |
| ***   | Sample ID: | D1506-09 |         | Seq:  | 87 |   | 17:26:31 22 Feb 12 | HG |
|       |            |          | MJRC06  |       |    |   |                    |    |
| Hg    | 39.6       | ppb      | .000    | 39.6  |    |   |                    |    |
| ***   | Sample ID: | D1506-10 |         | Seq:  | 88 |   | 17:29:11 22 Feb 12 | HG |
|       |            |          | MJRC07  |       |    |   |                    |    |
| Hg    | 10.6       | ppb      | .000    | 10.6  |    |   |                    |    |
| ***   | Sample ID: | D1506-11 |         | Seq:  | 89 |   | 17:31:51 22 Feb 12 | HG |
|       |            |          | MJRC08  |       |    |   |                    |    |
| Hg    | 13.4       | ppb      | .000    | 13.4  |    |   |                    |    |
| ***   | Sample ID: | D1506-12 |         | Seq:  | 90 |   | 17:35:14 22 Feb 12 | HG |
|       |            |          | MJRC09  |       |    |   |                    |    |
| Hg    | 19.9       | ppb      | .000    | 19.9  |    |   |                    |    |
| ***   | Sample ID: | D1506-13 |         | Seq:  | 91 |   | 17:39:15 22 Feb 12 | HG |
|       |            |          | MJRC10  |       |    |   |                    |    |
| Hg    | 15.3       | ppb      | .000    | 15.3  |    |   |                    |    |
| ***   | Sample ID: | D1506-14 |         | Seq:  | 92 |   | 17:42:52 22 Feb 12 | HG |
|       |            |          | MJRC12  |       |    |   |                    |    |
| Hg    | -.017      | ppb      | .000    | -.017 |    |   |                    |    |
| ***   | Sample ID: | D1506-15 |         | Seq:  | 93 |   | 17:47:17 22 Feb 12 | HG |
|       |            |          | MJRC13  |       |    |   |                    |    |
| Hg    | 51.5       | ppb      | .000    | 51.5  |    |   |                    |    |

| Line                    | Conc. | Units | SD/RSD     | 1        | 2 | 3                  | 4 | 5  |
|-------------------------|-------|-------|------------|----------|---|--------------------|---|----|
| -----                   |       |       |            |          |   |                    |   |    |
| *** Sample ID: D1506-16 |       |       |            | Seq: 94  |   | 17:50:56 22 Feb 12 |   | HG |
|                         |       |       | MJRC14     |          |   |                    |   |    |
| Hg 10.4                 | ppb   | .000  |            | 10.4     |   |                    |   |    |
| *** Sample ID: D1506-17 |       |       |            | Seq: 95  |   | 17:53:18 22 Feb 12 |   | HG |
|                         |       |       | MJRC15     |          |   |                    |   |    |
| Hg 17.8                 | ppb   | .000  |            | 17.8     |   |                    |   |    |
| *** Sample ID: D1506-18 |       |       |            | Seq: 96  |   | 17:55:58 22 Feb 12 |   | HG |
|                         |       |       | MJRC16     |          |   |                    |   |    |
| Hg 33.0                 | ppb   | .000  |            | 33.0     |   |                    |   |    |
| *** Sample ID: D1506-19 |       |       |            | Seq: 97  |   | 17:58:20 22 Feb 12 |   | HG |
|                         |       |       | MJRC17     |          |   |                    |   |    |
| Hg .575                 | ppb   | .000  |            | .575     |   |                    |   |    |
| *** Sample ID: CCV      |       |       |            | Seq: 98  |   | 18:00:23 22 Feb 12 |   | HG |
|                         |       |       | CCV63      |          |   |                    |   |    |
| Hg 5.37                 | ppb   | .000  |            | 5.37     |   |                    |   |    |
| *** Sample ID: CCB      |       |       |            | Seq: 99  |   | 18:03:16 22 Feb 12 |   | HG |
|                         |       |       | CCB63      |          |   |                    |   |    |
| Hg .005                 | ppb   | .000  |            | .005     |   |                    |   |    |
| *** Sample ID: D1506-20 |       |       |            | Seq: 100 |   | 18:11:50 22 Feb 12 |   | HG |
|                         |       |       | MJRC18     |          |   |                    |   |    |
| Hg 29.1                 | ppb   | .000  |            | 29.1     |   |                    |   |    |
| *** Sample ID: D1506-21 |       |       |            | Seq: 101 |   | 18:13:52 22 Feb 12 |   | HG |
|                         |       |       | MJRC19     |          |   |                    |   |    |
| Hg .354                 | ppb   | .000  |            | .354     |   |                    |   |    |
| *** Sample ID: D1506-22 |       |       |            | Seq: 102 |   | 18:16:07 22 Feb 12 |   | HG |
|                         |       |       | MJRC20     |          |   |                    |   |    |
| Hg 8.64                 | ppb   | .000  |            | 8.64     |   |                    |   |    |
| *** Sample ID: D1502-01 |       |       |            | Seq: 103 |   | 18:18:07 22 Feb 12 |   | HG |
|                         |       |       | MJRBT1 X10 |          |   |                    |   |    |
| Hg 2.44                 | ppb   | .000  |            | 2.44     |   |                    |   |    |
| *** Sample ID: D1502-02 |       |       |            | Seq: 104 |   | 18:20:27 22 Feb 12 |   | HG |
|                         |       |       | MJRBT2 X10 |          |   |                    |   |    |
| Hg 2.47                 | ppb   | .000  |            | 2.47     |   |                    |   |    |
| *** Sample ID: D1502-03 |       |       |            | Seq: 105 |   | 18:22:28 22 Feb 12 |   | HG |
|                         |       |       | MJRBT3 X10 |          |   |                    |   |    |
| Hg 3.94                 | ppb   | .000  |            | 3.94     |   |                    |   |    |

| Line  | Conc.               | Units | SD/RSD | 1          | 2                  | 3  | 4 | 5 |
|-------|---------------------|-------|--------|------------|--------------------|----|---|---|
| ----- |                     |       |        |            |                    |    |   |   |
| ***   | Sample ID: D1502-04 |       |        | Seq: 106   | 18:24:28 22 Feb 12 | HG |   |   |
|       |                     |       |        | MJRBT4 X10 |                    |    |   |   |
| Hg    | 4.19                | ppb   | .000   | 4.19       |                    |    |   |   |
| ***   | Sample ID: D1502-08 |       |        | Seq: 107   | 18:26:50 22 Feb 12 | HG |   |   |
|       |                     |       |        | MJRBT6 X10 |                    |    |   |   |
| Hg    | 7.46                | ppb   | .000   | 7.46       |                    |    |   |   |
| ***   | Sample ID: D1502-09 |       |        | Seq: 108   | 18:28:52 22 Feb 12 | HG |   |   |
|       |                     |       |        | MJRBT7 X10 |                    |    |   |   |
| Hg    | 4.24                | ppb   | .000   | 4.24       |                    |    |   |   |
| ***   | Sample ID: D1502-10 |       |        | Seq: 109   | 18:30:52 22 Feb 12 | HG |   |   |
|       |                     |       |        | MJRBT8 X2  |                    |    |   |   |
| Hg    | 6.55                | ppb   | .000   | 6.55       |                    |    |   |   |
| ***   | Sample ID: D1502-12 |       |        | Seq: 110   | 18:32:50 22 Feb 12 | HG |   |   |
|       |                     |       |        | MJRBT0 X5  |                    |    |   |   |
| Hg    | 4.02                | ppb   | .000   | 4.02       |                    |    |   |   |
| ***   | Sample ID: D1502-13 |       |        | Seq: 111   | 18:35:11 22 Feb 12 | HG |   |   |
|       |                     |       |        | MJRBT1 X5  |                    |    |   |   |
| Hg    | 3.08                | ppb   | .000   | 3.08       |                    |    |   |   |
| ***   | Sample ID: D1502-15 |       |        | Seq: 112   | 18:37:22 22 Feb 12 | HG |   |   |
|       |                     |       |        | MJRBT4 X10 |                    |    |   |   |
| Hg    | 5.08                | ppb   | .000   | 5.08       |                    |    |   |   |
| ***   | Sample ID: CCV      |       |        | Seq: 113   | 18:39:21 22 Feb 12 | HG |   |   |
|       |                     |       |        | CCV64      |                    |    |   |   |
| Hg    | 5.06                | ppb   | .000   | 5.06       |                    |    |   |   |
| ***   | Sample ID: CCB      |       |        | Seq: 114   | 18:41:25 22 Feb 12 | HG |   |   |
|       |                     |       |        | CCB64      |                    |    |   |   |
| Hg    | -.091               | ppb   | .000   | -.091      |                    |    |   |   |
| ***   | Sample ID: D1502-16 |       |        | Seq: 115   | 18:43:37 22 Feb 12 | HG |   |   |
|       |                     |       |        | MJRBT5 X2  |                    |    |   |   |
| Hg    | 5.30                | ppb   | .000   | 5.30       |                    |    |   |   |
| ***   | Sample ID: D1502-17 |       |        | Seq: 116   | 18:45:36 22 Feb 12 | HG |   |   |
|       |                     |       |        | MJRBT6 X5  |                    |    |   |   |
| Hg    | 3.77                | ppb   | .000   | 3.77       |                    |    |   |   |
| ***   | Sample ID: D1502-18 |       |        | Seq: 117   | 18:47:39 22 Feb 12 | HG |   |   |
|       |                     |       |        | MJRBT7 X10 |                    |    |   |   |
| Hg    | 3.40                | ppb   | .000   | 3.40       |                    |    |   |   |

| Line  | Conc.  | Units        | SD/RSD | 1    | 2   | 3        | 4         | 5  |
|-------|--------|--------------|--------|------|-----|----------|-----------|----|
| ----- |        |              |        |      |     |          |           |    |
| ***   | Sample | ID: D1502-20 |        | Seq: | 118 | 18:49:43 | 22 Feb 12 | HG |
|       |        |              | MJRBW9 | X10  |     |          |           |    |
| Hg    | 3.00   | ppb          | .000   | 3.00 |     |          |           |    |
| ***   | Sample | ID: D1503-01 |        | Seq: | 119 | 18:51:53 | 22 Feb 12 | HG |
|       |        |              | MJRBX3 | X10  |     |          |           |    |
| Hg    | 3.26   | ppb          | .000   | 3.26 |     |          |           |    |
| ***   | Sample | ID: D1503-06 |        | Seq: | 120 | 18:54:03 | 22 Feb 12 | HG |
|       |        |              | MJRBX8 | X10  |     |          |           |    |
| Hg    | 2.70   | ppb          | .000   | 2.70 |     |          |           |    |
| ***   | Sample | ID: D1503-07 |        | Seq: | 121 | 18:56:25 | 22 Feb 12 | HG |
|       |        |              | MJRBX9 | X10  |     |          |           |    |
| Hg    | 3.71   | ppb          | .000   | 3.71 |     |          |           |    |
| ***   | Sample | ID: D1503-09 |        | Seq: | 122 | 18:58:37 | 22 Feb 12 | HG |
|       |        |              | MJRBY1 | X5   |     |          |           |    |
| Hg    | 3.89   | ppb          | .000   | 3.89 |     |          |           |    |
| ***   | Sample | ID: D1503-10 |        | Seq: | 123 | 19:00:51 | 22 Feb 12 | HG |
|       |        |              | MJRBY2 | X5   |     |          |           |    |
| Hg    | 3.37   | ppb          | .000   | 3.37 |     |          |           |    |
| ***   | Sample | ID: D1503-11 |        | Seq: | 124 | 19:03:11 | 22 Feb 12 | HG |
|       |        |              | MJRBY3 | X10  |     |          |           |    |
| Hg    | 2.04   | ppb          | .000   | 2.04 |     |          |           |    |
| ***   | Sample | ID: D1503-12 |        | Seq: | 125 | 19:05:42 | 22 Feb 12 | HG |
|       |        |              | MJRBY4 | X10  |     |          |           |    |
| Hg    | 7.72   | ppb          | .000   | 7.72 |     |          |           |    |
| ***   | Sample | ID: D1503-16 |        | Seq: | 126 | 19:08:05 | 22 Feb 12 | HG |
|       |        |              | MJRBY6 | X2   |     |          |           |    |
| Hg    | 5.69   | ppb          | .000   | 5.69 |     |          |           |    |
| ***   | Sample | ID: D1503-17 |        | Seq: | 127 | 19:10:44 | 22 Feb 12 | HG |
|       |        |              | MJRBY7 | X2   |     |          |           |    |
| Hg    | 5.65   | ppb          | .000   | 5.65 |     |          |           |    |
| ***   | Sample | ID: CCV      |        | Seq: | 128 | 19:12:46 | 22 Feb 12 | HG |
|       |        |              | CCV65  |      |     |          |           |    |
| Hg    | 5.22   | ppb          | .000   | 5.22 |     |          |           |    |
| ***   | Sample | ID: CCB      |        | Seq: | 129 | 19:14:50 | 22 Feb 12 | HG |
|       |        |              | CCB65  |      |     |          |           |    |
| Hg    | .023   | ppb          | .000   | .023 |     |          |           |    |

| Line                     | Conc. | Units | SD/RSD | 1          | 2 | 3                  | 4 | 5  |
|--------------------------|-------|-------|--------|------------|---|--------------------|---|----|
| -----                    |       |       |        |            |   |                    |   |    |
| *** Sample ID: D1503-18  |       |       |        | Seq: 130   |   | 19:16:52 22 Feb 12 |   | HG |
|                          |       |       |        | MJRBY8 X10 |   |                    |   |    |
| Hg                       | 2.78  | ppb   | .000   | 2.78       |   |                    |   |    |
| *** Sample ID: D1503-19  |       |       |        | Seq: 131   |   | 19:19:12 22 Feb 12 |   | HG |
|                          |       |       |        | MJRBY9 X5  |   |                    |   |    |
| Hg                       | 3.28  | ppb   | .000   | 3.28       |   |                    |   |    |
| *** Sample ID: D1503-20  |       |       |        | Seq: 132   |   | 19:21:37 22 Feb 12 |   | HG |
|                          |       |       |        | MJRBZ0 X5  |   |                    |   |    |
| Hg                       | 2.69  | ppb   | .000   | 2.69       |   |                    |   |    |
| *** Sample ID: D1503-21  |       |       |        | Seq: 133   |   | 19:23:41 22 Feb 12 |   | HG |
|                          |       |       |        | MJRBZ1 X2  |   |                    |   |    |
| Hg                       | 5.93  | ppb   | .000   | 5.93       |   |                    |   |    |
| *** Sample ID: D1503-22  |       |       |        | Seq: 134   |   | 19:25:40 22 Feb 12 |   | HG |
|                          |       |       |        | MJRBZ2 X5  |   |                    |   |    |
| Hg                       | 4.12  | ppb   | .000   | 4.12       |   |                    |   |    |
| *** Sample ID: PB61301BL |       |       |        | Seq: 135   |   | 19:27:39 22 Feb 12 |   | HG |
|                          |       |       |        | PBS01      |   |                    |   |    |
| Hg                       | -.132 | ppb   | .000   | -.132      |   |                    |   |    |
| *** Sample ID: D1504-01  |       |       |        | Seq: 136   |   | 19:29:41 22 Feb 12 |   | HG |
|                          |       |       |        | MJRBW2 X5  |   |                    |   |    |
| Hg                       | 3.45  | ppb   | .000   | 3.45       |   |                    |   |    |
| *** Sample ID: D1504-02  |       |       |        | Seq: 137   |   | 19:31:45 22 Feb 12 |   | HG |
|                          |       |       |        | MJRBW2D X5 |   |                    |   |    |
| Hg                       | 2.97  | ppb   | .000   | 2.97       |   |                    |   |    |
| *** Sample ID: D1504-03  |       |       |        | Seq: 138   |   | 19:33:48 22 Feb 12 |   | HG |
|                          |       |       |        | MJRBW2S X5 |   |                    |   |    |
| Hg                       | 4.11  | ppb   | .000   | 4.11       |   |                    |   |    |
| *** Sample ID: D1504-04  |       |       |        | Seq: 139   |   | 19:35:49 22 Feb 12 |   | HG |
|                          |       |       |        | MJRBZ5 X5  |   |                    |   |    |
| Hg                       | 3.67  | ppb   | .000   | 3.67       |   |                    |   |    |
| *** Sample ID: D1504-05  |       |       |        | Seq: 140   |   | 19:38:19 22 Feb 12 |   | HG |
|                          |       |       |        | MJRBZ6 X10 |   |                    |   |    |
| Hg                       | 3.74  | ppb   | .000   | 3.74       |   |                    |   |    |
| *** Sample ID: D1504-06  |       |       |        | Seq: 141   |   | 19:40:51 22 Feb 12 |   | HG |
|                          |       |       |        | MJRBZ7 X10 |   |                    |   |    |
| Hg                       | 4.39  | ppb   | .000   | 4.39       |   |                    |   |    |

| Line  | Conc.               | Units | SD/RSD | 1          | 2 | 3                  | 4 | 5  |
|-------|---------------------|-------|--------|------------|---|--------------------|---|----|
| ----- |                     |       |        |            |   |                    |   |    |
| ***   | Sample ID: D1504-07 |       |        | Seq: 142   |   | 19:43:17 22 Feb 12 |   | HG |
|       |                     |       |        | MJRBZ8 X10 |   |                    |   |    |
| Hg    | 2.12                | ppb   | .000   | 2.12       |   |                    |   |    |
| ***   | Sample ID: CCV      |       |        | Seq: 143   |   | 19:45:57 22 Feb 12 |   | HG |
|       |                     |       |        | CCV66      |   |                    |   |    |
| Hg    | 5.10                | ppb   | .000   | 5.10       |   |                    |   |    |
| ***   | Sample ID: CCB      |       |        | Seq: 144   |   | 19:48:12 22 Feb 12 |   | HG |
|       |                     |       |        | CCB66      |   |                    |   |    |
| Hg    | -.137               | ppb   | .000   | -.137      |   |                    |   |    |
| ***   | Sample ID: D1504-08 |       |        | Seq: 145   |   | 19:50:13 22 Feb 12 |   | HG |
|       |                     |       |        | MJRBZ9 X5  |   |                    |   |    |
| Hg    | 2.67                | ppb   | .000   | 2.67       |   |                    |   |    |
| ***   | Sample ID: D1504-09 |       |        | Seq: 146   |   | 19:52:17 22 Feb 12 |   | HG |
|       |                     |       |        | MJRBX2 X5  |   |                    |   |    |
| Hg    | 3.09                | ppb   | .000   | 3.09       |   |                    |   |    |
| ***   | Sample ID: D1504-10 |       |        | Seq: 147   |   | 19:54:39 22 Feb 12 |   | HG |
|       |                     |       |        | MJRBZ3 X10 |   |                    |   |    |
| Hg    | 2.32                | ppb   | .000   | 2.32       |   |                    |   |    |
| ***   | Sample ID: D1504-11 |       |        | Seq: 148   |   | 19:57:04 22 Feb 12 |   | HG |
|       |                     |       |        | MJRBZ4 X10 |   |                    |   |    |
| Hg    | 2.02                | ppb   | .000   | 2.02       |   |                    |   |    |
| ***   | Sample ID: D1506-01 |       |        | Seq: 149   |   | 19:59:04 22 Feb 12 |   | HG |
|       |                     |       |        | MJRC00 X10 |   |                    |   |    |
| Hg    | 1.90                | ppb   | .000   | 1.90       |   |                    |   |    |
| ***   | Sample ID: D1506-02 |       |        | Seq: 150   |   | 20:01:05 22 Feb 12 |   | HG |
|       |                     |       |        | MJRC01 X10 |   |                    |   |    |
| Hg    | 2.78                | ppb   | .000   | 2.78       |   |                    |   |    |
| ***   | Sample ID: D1506-03 |       |        | Seq: 151   |   | 20:03:09 22 Feb 12 |   | HG |
|       |                     |       |        | MJRC02 X10 |   |                    |   |    |
| Hg    | 3.38                | ppb   | .000   | 3.38       |   |                    |   |    |
| ***   | Sample ID: D1506-08 |       |        | Seq: 152   |   | 20:05:10 22 Feb 12 |   | HG |
|       |                     |       |        | MJRC05 X10 |   |                    |   |    |
| Hg    | 4.57                | ppb   | .000   | 4.57       |   |                    |   |    |
| ***   | Sample ID: D1506-09 |       |        | Seq: 153   |   | 20:07:20 22 Feb 12 |   | HG |
|       |                     |       |        | MJRC06 X10 |   |                    |   |    |
| Hg    | 4.23                | ppb   | .000   | 4.23       |   |                    |   |    |



| Line                    | Conc. | Units | SD/RSD | 1        | 2        | 3         | 4  | 5 |
|-------------------------|-------|-------|--------|----------|----------|-----------|----|---|
| *** Sample ID: D1506-10 |       |       |        | Seq: 154 | 20:09:23 | 22 Feb 12 | HG |   |
|                         |       |       | MJRC07 | X2       |          |           |    |   |
| Hg                      | 5.13  | ppb   | .000   | 5.13     |          |           |    |   |
| *** Sample ID: D1506-11 |       |       |        | Seq: 155 | 20:11:43 | 22 Feb 12 | HG |   |
|                         |       |       | MJRC08 | X2       |          |           |    |   |
| Hg                      | 6.34  | ppb   | .000   | 6.34     |          |           |    |   |
| *** Sample ID: D1506-12 |       |       |        | Seq: 156 | 20:13:42 | 22 Feb 12 | HG |   |
|                         |       |       | MJRC09 | X5       |          |           |    |   |
| Hg                      | 3.93  | ppb   | .000   | 3.93     |          |           |    |   |
| *** Sample ID: D1506-13 |       |       |        | Seq: 157 | 20:15:42 | 22 Feb 12 | HG |   |
|                         |       |       | MJRC10 | X5       |          |           |    |   |
| Hg                      | 2.76  | ppb   | .000   | 2.76     |          |           |    |   |
| *** Sample ID: CCV      |       |       |        | Seq: 158 | 20:17:46 | 22 Feb 12 | HG |   |
|                         |       |       | CCV67  |          |          |           |    |   |
| Hg                      | 5.05  | ppb   | .000   | 5.05     |          |           |    |   |
| *** Sample ID: CCB      |       |       |        | Seq: 159 | 20:20:16 | 22 Feb 12 | HG |   |
|                         |       |       | CCB67  |          |          |           |    |   |
| Hg                      | -.198 | ppb   | .000   | -.198    |          |           |    |   |
| *** Sample ID: D1506-15 |       |       |        | Seq: 160 | 20:22:20 | 22 Feb 12 | HG |   |
|                         |       |       | MJRC13 | X10      |          |           |    |   |
| Hg                      | 7.71  | ppb   | .000   | 7.71     |          |           |    |   |
| *** Sample ID: D1506-16 |       |       |        | Seq: 161 | 20:24:20 | 22 Feb 12 | HG |   |
|                         |       |       | MJRC14 | X2       |          |           |    |   |
| Hg                      | 4.58  | ppb   | .000   | 4.58     |          |           |    |   |
| *** Sample ID: D1506-17 |       |       |        | Seq: 162 | 20:26:20 | 22 Feb 12 | HG |   |
|                         |       |       | MJRC15 | X5       |          |           |    |   |
| Hg                      | 3.48  | ppb   | .000   | 3.48     |          |           |    |   |

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7,"",0,"22 Feb 12","14:11:53"
6,1,"Std01Rep1",1,"22 Feb 12","14:14:18","chemtech",1,1,1,"Hg ","ppb"," ",",",.000,549
6,1,"Std02Rep1",2,"22 Feb 12","14:16:31","chemtech",2,1,1,"Hg ","ppb"," ",",",.200,21621
6,1,"Std03Rep1",3,"22 Feb 12","14:18:51","chemtech",3,1,1,"Hg ","ppb"," ",",",2.50,198486
6,1,"Std04Rep1",4,"22 Feb 12","14:21:19","chemtech",4,1,1,"Hg ","ppb"," ",",",5.00,366388
6,1,"Std05Rep1",5,"22 Feb 12","14:23:37","chemtech",5,1,1,"Hg ","ppb"," ",",",7.50,552039
6,1,"Std06Rep1",6,"22 Feb 12","14:25:44","chemtech",6,1,1,"Hg ","ppb"," ",",",10.0,711362
2,1,"ICV",7,"22 Feb 12","14:27:51","chemtech","",1,1.00,1.00,1,"","Hg ","ppb"," ",3.89,.000,286665,3.89
2,1,"ICB",8,"22 Feb 12","14:30:39","chemtech","",2,1.00,1.00,1,"","Hg ","ppb"," ",-.178,.000,-3436,-.178
2,1,"CCV",9,"22 Feb 12","14:33:10","chemtech","",3,1.00,1.00,1,"","Hg ","ppb"," ",5.36,.000,390898,5.36
2,1,"CCB",10,"22 Feb 12","14:35:09","chemtech","",4,1.00,1.00,1,"","Hg ","ppb"," ",-.009,.000,8573,-.009
2,1,"PB61299BL",11,"22 Feb 12","14:37:09","chemtech","",5,1.00,1.00,1,"","Hg ","ppb"," ",-.044,.000,6072,-.044
2,1,"D1502-01",12,"22 Feb 12","14:39:20","chemtech","",6,1.00,1.00,1,"","Hg ","ppb"," ",21.7,.000,1556967,21.7
2,1,"D1502-02",13,"22 Feb 12","14:41:24","chemtech","",7,1.00,1.00,1,"","Hg ","ppb"," ",24.6,.000,1758046,24.6
2,1,"D1502-03",14,"22 Feb 12","14:43:24","chemtech","",8,1.00,1.00,1,"","Hg ","ppb"," ",34.2,.000,2442012,34.2
2,1,"D1502-04",15,"22 Feb 12","14:45:37","chemtech","",9,1.00,1.00,1,"","Hg ","ppb"," ",36.2,.000,2589426,36.2
2,1,"D1502-05",16,"22 Feb 12","14:47:40","chemtech","",10,1.00,1.00,1,"","Hg ",",",.054,.000,13088,.054
2,1,"D1502-06",17,"22 Feb 12","14:49:40","chemtech","",11,1.00,1.00,1,"","Hg ",",",.052,.000,12928,.052
2,1,"D1502-07",18,"22 Feb 12","14:51:51","chemtech","",12,1.00,1.00,1,"","Hg ",",",2.48,.000,186213,2.48
2,1,"D1502-08",19,"22 Feb 12","14:54:50","chemtech","",13,1.00,1.00,1,"","Hg ",",",58.0,.000,4144337,58.0
2,1,"D1502-09",20,"22 Feb 12","14:56:52","chemtech","",14,1.00,1.00,1,"","Hg ",",",35.7,.000,2549244,35.7
2,1,"D1502-10",21,"22 Feb 12","14:59:22","chemtech","",15,1.00,1.00,1,"","Hg ",",",12.3,.000,884924,12.3
2,1,"D1502-11",22,"22 Feb 12","15:01:45","chemtech","",16,1.00,1.00,1,"","Hg ",",",9.98,.000,720287,9.98
2,1,"D1502-12",23,"22 Feb 12","15:03:47","chemtech","",17,1.00,1.00,1,"","Hg ",",",20.6,.000,1479108,20.6
2,1,"D1502-13",24,"22 Feb 12","15:05:46","chemtech","",18,1.00,1.00,1,"","Hg ",",",15.1,.000,1084008,15.1
2,1,"D1502-14",25,"22 Feb 12","15:07:46","chemtech","",19,1.00,1.00,1,"","Hg ",",",.039,.000,12031,.039
2,1,"D1502-15",26,"22 Feb 12","15:10:36","chemtech","",20,1.00,1.00,1,"","Hg ",",",45.4,.000,3240229,45.4
2,1,"D1502-16",27,"22 Feb 12","15:12:38","chemtech","",21,1.00,1.00,1,"","Hg ",",",10.5,.000,755837,10.5
2,1,"D1502-17",28,"22 Feb 12","15:14:40","chemtech","",22,1.00,1.00,1,"","Hg ",",",19.3,.000,1385463,19.3
2,1,"D1502-18",29,"22 Feb 12","15:17:01","chemtech","",23,1.00,1.00,1,"","Hg ",",",32.1,.000,2294698,32.1
2,1,"D1502-19",30,"22 Feb 12","15:19:01","chemtech","",24,1.00,1.00,1,"","Hg ",",",-.028,.000,7252,-.028
2,1,"CCV",31,"22 Feb 12","15:21:05","chemtech","",25,1.00,1.00,1,"","Hg ",",",5.10,.000,372240,5.10
2,1,"CCB",32,"22 Feb 12","15:23:17","chemtech","",26,1.00,1.00,1,"","Hg ",",",-.132,.000,-182,-.132
2,1,"D1502-20",33,"22 Feb 12","15:25:22","chemtech","",27,1.00,1.00,1,"","Hg

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", "ppb" " " " " 29.2, .000, 2087987, 29.2
2, 1, "D1502-21" " 34, "22 Feb 12", "15:27:42", "chemtech", "", 28, 1.00, 1.00, 1, "", "Hg
", "ppb" " " " " " .075, .000, 14593, .075
2, 1, "D1502-22" " 35, "22 Feb 12", "15:29:41", "chemtech", "", 29, 1.00, 1.00, 1, "", "Hg
", "ppb" " " " " " 7.40, .000, 536027, 7.40
2, 1, "PB61300BL" " 36, "22 Feb 12", "15:31:43", "chemtech", "", 30, 1.00, 1.00, 1, "", "Hg
", "ppb" " " " " " -.155, .000, -1785, -.155
2, 1, "D1503-01" " 37, "22 Feb 12", "15:33:48", "chemtech", "", 31, 1.00, 1.00, 1, "", "Hg
", "ppb" " " " " " 30.6, .000, 2192284, 30.6
2, 1, "D1503-02" " 38, "22 Feb 12", "15:35:54", "chemtech", "", 32, 1.00, 1.00, 1, "", "Hg
", "ppb" " " " " " -.028, .000, 7250, -.028
2, 1, "D1503-03" " 39, "22 Feb 12", "15:37:55", "chemtech", "", 33, 1.00, 1.00, 1, "", "Hg
", "ppb" " " " " " .125, .000, 18139, .125
2, 1, "D1503-04" " 40, "22 Feb 12", "15:39:59", "chemtech", "", 34, 1.00, 1.00, 1, "", "Hg
", "ppb" " " " " " .315, .000, 31680, .315
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", "ppb" " " " " " -.035, .000, 6745, -.035
2, 1, "D1503-06" " 42, "22 Feb 12", "15:44:17", "chemtech", "", 36, 1.00, 1.00, 1, "", "Hg
", "ppb" " " " " " 25.0, .000, 1793212, 25.0
2, 1, "D1503-07" " 43, "22 Feb 12", "15:46:17", "chemtech", "", 37, 1.00, 1.00, 1, "", "Hg
", "ppb" " " " " " 35.2, .000, 2514896, 35.2
2, 1, "D1503-08" " 44, "22 Feb 12", "15:48:20", "chemtech", "", 38, 1.00, 1.00, 1, "", "Hg
", "ppb" " " " " " 6.65, .000, 483103, 6.65
2, 1, "D1503-09" " 45, "22 Feb 12", "15:50:43", "chemtech", "", 39, 1.00, 1.00, 1, "", "Hg
", "ppb" " " " " " 19.7, .000, 1415543, 19.7
2, 1, "D1503-10" " 46, "22 Feb 12", "15:53:05", "chemtech", "", 40, 1.00, 1.00, 1, "", "Hg
", "ppb" " " " " " 16.5, .000, 1185517, 16.5
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", "ppb" " " " " " 59.3, .000, 4231186, 59.3
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", "ppb" " " " " " -.064, .000, 4643, -.064
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", " " " 2.73, .000, 203488, 2.73
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", " " " 11.6, .000, 833587, 11.6
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", " " " 5.25, .000, 382849, 5.25
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", " " " -.117, .000, 872, -.117
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", " " " 11.8, .000, 848900, 11.8
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", " " " 28.9, .000, 2069739, 28.9
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", " " " 17.6, .000, 1261347, 17.6
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", " " " 13.8, .000, 991521, 13.8
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", " " " 11.9, .000, 855810, 11.9
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", "ppb" " " " " " 19.4, .000, 1387627, 19.4
2, 1, "PB61301BL" " 64, "22 Feb 12", "16:33:35", "chemtech", "", 11, 1.00, 1.00, 1, "", "Hg
", "ppb" " " " " " -.228, .000, -7035, -.228
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", "ppb" " " " " " 17.3, .000, 1241887, 17.3
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", "ppb" " " " " " 15.3, .000, 1102614, 15.3
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", "ppb" " " " " " 20.6, .000, 1474282, 20.6
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", "ppb" " " " " " 19.6, .000, 1403749, 19.6

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|   |   |
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| 2,1,"D1504-05<br>","ppb"," " " "  | " ,69,"22 Feb 12","16:45:42","chemtech", "",16,1.00,1.00,1,"", "Hg              |
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| " ,39.3,.000,2807269,39.3   |   |
| 2,1,"D1504-07<br>","ppb"," " " "  | " ,71,"22 Feb 12","16:50:17","chemtech", "",18,1.00,1.00,1,"", "Hg              |
| " ,20.2,.000,1446557,20.2   |   |
| 2,1,"D1504-08<br>","ppb"," " " "  | " ,72,"22 Feb 12","16:52:26","chemtech", "",19,1.00,1.00,1,"", "Hg              |
| " ,14.3,.000,1026871,14.3   |   |
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| " ,17.0,.000,1217841,17.0   |   |
| 2,1,"D1504-10<br>","ppb"," " " "  | " ,74,"22 Feb 12","16:57:24","chemtech", "",21,1.00,1.00,1,"", "Hg              |
| " ,24.0,.000,1720159,24.0   |   |
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| " ,22.1,.000,1584257,22.1   |   |
| 2,1,"PB61309BL<br>","ppb"," " " "   | " ,76,"22 Feb 12","17:01:27","chemtech", "",23,1.00,1.00,1,"", "Hg              |
| " ,-.189,.000,-4267,-.189   |   |
| 2,1,"CCV<br>","ppb"," " " "   | " ,77,"22 Feb 12","17:03:30","chemtech", "",24,1.00,1.00,1,"", "Hg              |
| " ,5.29,.000,385875,5.29  |   |
| 2,1,"CCB<br>","ppb"," " " "   | " ,78,"22 Feb 12","17:06:22","chemtech", "",25,1.00,1.00,1,"", "Hg              |
| " ,-.142,.000,-871,-.142  |   |
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| " ,21.8,.000,1559115,21.8   |   |
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| " ,27.4,.000,1962858,27.4   |   |
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| " ,33.0,.000,2358160,33.0   |   |
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| " ,40.6,.000,2901690,40.6   |   |
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| " ,.010,.000,9940,.010  |   |
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| " ,45.4,.000,3242714,45.4   |   |
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| " ,10.6,.000,761307,10.6  |   |
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| " ,13.4,.000,966058,13.4  |   |
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| " ,19.9,.000,1427215,19.9   |   |
| 2,1,"D1506-13<br>","ppb"," " " "  | " ,91,"22 Feb 12","17:39:15","chemtech", "",38,1.00,1.00,1,"", "Hg              |
| " ,15.3,.000,1096856,15.3   |   |
| 2,1,"D1506-14<br>","ppb"," " " "  | " ,92,"22 Feb 12","17:42:52","chemtech", "",39,1.00,1.00,1,"", "Hg              |
| " ,-.017,.000,8040,-.017  |   |
| 2,1,"D1506-15<br>","ppb"," " " "  | " ,93,"22 Feb 12","17:47:17","chemtech", "",40,1.00,1.00,1,"", "Hg              |
| " ,51.5,.000,3680642,51.5   |   |
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| " ,10.4,.000,747447,10.4  |   |
| 2,1,"D1506-17<br>","ppb"," " " "  | " ,95,"22 Feb 12","17:53:18","chemtech", "",42,1.00,1.00,1,"", "Hg              |
| " ,17.8,.000,1275370,17.8   |   |
| 2,1,"D1506-18<br>","ppb"," " " "  | " ,96,"22 Feb 12","17:55:58","chemtech", "",43,1.00,1.00,1,"", "Hg              |
| " ,33.0,.000,2361007,33.0   |   |
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| " ,.575,.000,50165,.575   |   |
| 2,1,"CCV<br>"," " ,5.37,.000,391608,5.37  | " ,98,"22 Feb 12","18:00:23","chemtech", "",1,1.00,1.00,1,"", "Hg " , "ppb" , " |
| 2,1,"CCB<br>"," " ,.005,.000,9556,.005  | " ,99,"22 Feb 12","18:03:16","chemtech", "",2,1.00,1.00,1,"", "Hg " , "ppb" , " |
| 2,1,"D1506-20<br>","ppb"," " " "  | " ,100,"22 Feb 12","18:11:50","chemtech", "",3,1.00,1.00,1,"", "Hg              |
| " ,29.1,.000,2084513,29.1   |   |
| 2,1,"D1506-21<br>"," " ,101,"22 Feb 12","18:13:52","chemtech", "",4,1.00,1.00,1,"", "Hg |   |

|  |   |
|--|---|
| " , "ppb" , " " , " "                      | " , .354 , .000 , 34403 , .354  |
| 2 , 1 , "D1506-22" , " , "ppb" , " " , " " | " , .102 , "22 Feb 12" , "18:16:07" , "chemtech" , "" , 5 , 1.00 , 1.00 , 1 , "" , "Hg  |
| " , "ppb" , " " , " " , " "                | " , .8.64 , .000 , 624962 , 8.64  |
| 2 , 1 , "D1502-01" , " , "ppb" , " " , " " | " , .103 , "22 Feb 12" , "18:18:07" , "chemtech" , "" , 6 , 1.00 , 1.00 , 1 , "" , "Hg  |
| " , "ppb" , " " , " " , " "                | " , .2.44 , .000 , 183371 , 2.44  |
| 2 , 1 , "D1502-02" , " , "ppb" , " " , " " | " , .104 , "22 Feb 12" , "18:20:27" , "chemtech" , "" , 7 , 1.00 , 1.00 , 1 , "" , "Hg  |
| " , "ppb" , " " , " " , " "                | " , .2.47 , .000 , 185117 , 2.47  |
| 2 , 1 , "D1502-03" , " , "ppb" , " " , " " | " , .105 , "22 Feb 12" , "18:22:28" , "chemtech" , "" , 8 , 1.00 , 1.00 , 1 , "" , "Hg  |
| " , "ppb" , " " , " " , " "                | " , .3.94 , .000 , 290170 , 3.94  |
| 2 , 1 , "D1502-04" , " , "ppb" , " " , " " | " , .106 , "22 Feb 12" , "18:24:28" , "chemtech" , "" , 9 , 1.00 , 1.00 , 1 , "" , "Hg  |
| " , "ppb" , " " , " " , " "                | " , .4.19 , .000 , 308035 , 4.19  |
| 2 , 1 , "D1502-08" , " , "ppb" , " " , " " | " , .107 , "22 Feb 12" , "18:26:50" , "chemtech" , "" , 10 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .7.46 , .000 , 540703 , 7.46  |
| 2 , 1 , "D1502-09" , " , "ppb" , " " , " " | " , .108 , "22 Feb 12" , "18:28:52" , "chemtech" , "" , 11 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .4.24 , .000 , 311416 , 4.24  |
| 2 , 1 , "D1502-10" , " , "ppb" , " " , " " | " , .109 , "22 Feb 12" , "18:30:52" , "chemtech" , "" , 12 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .6.55 , .000 , 475599 , 6.55  |
| 2 , 1 , "D1502-12" , " , "ppb" , " " , " " | " , .110 , "22 Feb 12" , "18:32:50" , "chemtech" , "" , 13 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .4.02 , .000 , 295385 , 4.02  |
| 2 , 1 , "D1502-13" , " , "ppb" , " " , " " | " , .111 , "22 Feb 12" , "18:35:11" , "chemtech" , "" , 14 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .3.08 , .000 , 228920 , 3.08  |
| 2 , 1 , "D1502-15" , " , "ppb" , " " , " " | " , .112 , "22 Feb 12" , "18:37:22" , "chemtech" , "" , 15 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .5.08 , .000 , 370887 , 5.08  |
| 2 , 1 , "CCV" , " , "ppb" , " " , " "      | " , .113 , "22 Feb 12" , "18:39:21" , "chemtech" , "" , 16 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .5.06 , .000 , 369649 , 5.06  |
| 2 , 1 , "CCB" , " , "ppb" , " " , " "      | " , .114 , "22 Feb 12" , "18:41:25" , "chemtech" , "" , 17 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .- .091 , .000 , 2732 , - .091  |
| 2 , 1 , "D1502-16" , " , "ppb" , " " , " " | " , .115 , "22 Feb 12" , "18:43:37" , "chemtech" , "" , 18 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .5.30 , .000 , 386425 , 5.30  |
| 2 , 1 , "D1502-17" , " , "ppb" , " " , " " | " , .116 , "22 Feb 12" , "18:45:36" , "chemtech" , "" , 19 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .3.77 , .000 , 277736 , 3.77  |
| 2 , 1 , "D1502-18" , " , "ppb" , " " , " " | " , .117 , "22 Feb 12" , "18:47:39" , "chemtech" , "" , 20 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .3.40 , .000 , 251506 , 3.40  |
| 2 , 1 , "D1502-20" , " , "ppb" , " " , " " | " , .118 , "22 Feb 12" , "18:49:43" , "chemtech" , "" , 21 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .3.00 , .000 , 222787 , 3.00  |
| 2 , 1 , "D1503-01" , " , "ppb" , " " , " " | " , .119 , "22 Feb 12" , "18:51:53" , "chemtech" , "" , 22 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .3.26 , .000 , 241512 , 3.26  |
| 2 , 1 , "D1503-06" , " , "ppb" , " " , " " | " , .120 , "22 Feb 12" , "18:54:03" , "chemtech" , "" , 23 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .2.70 , .000 , 201317 , 2.70  |
| 2 , 1 , "D1503-07" , " , "ppb" , " " , " " | " , .121 , "22 Feb 12" , "18:56:25" , "chemtech" , "" , 24 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .3.71 , .000 , 273162 , 3.71  |
| 2 , 1 , "D1503-09" , " , "ppb" , " " , " " | " , .122 , "22 Feb 12" , "18:58:37" , "chemtech" , "" , 25 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .3.89 , .000 , 286053 , 3.89  |
| 2 , 1 , "D1503-10" , " , "ppb" , " " , " " | " , .123 , "22 Feb 12" , "19:00:51" , "chemtech" , "" , 26 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .3.37 , .000 , 249002 , 3.37  |
| 2 , 1 , "D1503-11" , " , "ppb" , " " , " " | " , .124 , "22 Feb 12" , "19:03:11" , "chemtech" , "" , 27 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .2.04 , .000 , 154853 , 2.04  |
| 2 , 1 , "D1503-12" , " , "ppb" , " " , " " | " , .125 , "22 Feb 12" , "19:05:42" , "chemtech" , "" , 28 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .7.72 , .000 , 558896 , 7.72  |
| 2 , 1 , "D1503-16" , " , "ppb" , " " , " " | " , .126 , "22 Feb 12" , "19:08:05" , "chemtech" , "" , 29 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .5.69 , .000 , 414570 , 5.69  |
| 2 , 1 , "D1503-17" , " , "ppb" , " " , " " | " , .127 , "22 Feb 12" , "19:10:44" , "chemtech" , "" , 30 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .5.65 , .000 , 411790 , 5.65  |
| 2 , 1 , "CCV" , " , "ppb" , " " , " "      | " , .128 , "22 Feb 12" , "19:12:46" , "chemtech" , "" , 31 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .5.22 , .000 , 381330 , 5.22  |
| 2 , 1 , "CCB" , " , "ppb" , " " , " "      | " , .129 , "22 Feb 12" , "19:14:50" , "chemtech" , "" , 32 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .- .023 , .000 , 10880 , - .023   |
| 2 , 1 , "D1503-18" , " , "ppb" , " " , " " | " , .130 , "22 Feb 12" , "19:16:52" , "chemtech" , "" , 33 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .2.78 , .000 , 207540 , 2.78  |
| 2 , 1 , "D1503-19" , " , "ppb" , " " , " " | " , .131 , "22 Feb 12" , "19:19:12" , "chemtech" , "" , 34 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .3.28 , .000 , 242932 , 3.28  |
| 2 , 1 , "D1503-20" , " , "ppb" , " " , " " | " , .132 , "22 Feb 12" , "19:21:37" , "chemtech" , "" , 35 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .2.69 , .000 , 200993 , 2.69  |
| 2 , 1 , "D1503-21" , " , "ppb" , " " , " " | " , .133 , "22 Feb 12" , "19:23:41" , "chemtech" , "" , 36 , 1.00 , 1.00 , 1 , "" , "Hg |
| " , "ppb" , " " , " " , " "                | " , .5.93 , .000 , 431973 , 5.93  |

## LB59463.PRN

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2,1,"D1503-22",134,"22 Feb 12","19:25:40","chemtech","",37,1.00,1.00,1,"","Hg
","ppb","","",4.12,.000,302655,4.12
2,1,"PB61301BL",135,"22 Feb 12","19:27:39","chemtech","",38,1.00,1.00,1,"","Hg
","ppb","",-132,.000,-198,-132
2,1,"D1504-01",136,"22 Feb 12","19:29:41","chemtech","",39,1.00,1.00,1,"","Hg
","ppb","",3.45,.000,255044,3.45
2,1,"D1504-02",137,"22 Feb 12","19:31:45","chemtech","",40,1.00,1.00,1,"","Hg
","ppb","",2.97,.000,220523,2.97
2,1,"D1504-03",138,"22 Feb 12","19:33:48","chemtech","",41,1.00,1.00,1,"","Hg
","ppb","",4.11,.000,301703,4.11
2,1,"D1504-04",139,"22 Feb 12","19:35:49","chemtech","",42,1.00,1.00,1,"","Hg
","ppb","",3.67,.000,270958,3.67
2,1,"D1504-05",140,"22 Feb 12","19:38:19","chemtech","",43,1.00,1.00,1,"","Hg
","ppb","",3.74,.000,275796,3.74
2,1,"D1504-06",141,"22 Feb 12","19:40:51","chemtech","",44,1.00,1.00,1,"","Hg
","ppb","",4.39,.000,322042,4.39
2,1,"D1504-07",142,"22 Feb 12","19:43:17","chemtech","",1,1.00,1.00,1,"","Hg
","ppb","",2.12,.000,160460,2.12
2,1,"CCV",143,"22 Feb 12","19:45:57","chemtech","",2,1.00,1.00,1,"","Hg
","ppb","",5.10,.000,372498,5.10
2,1,"CCB",144,"22 Feb 12","19:48:12","chemtech","",3,1.00,1.00,1,"","Hg
","ppb","",-137,.000,-526,-137
2,1,"D1504-08",145,"22 Feb 12","19:50:13","chemtech","",4,1.00,1.00,1,"","Hg
","ppb","",2.67,.000,199332,2.67
2,1,"D1504-09",146,"22 Feb 12","19:52:17","chemtech","",5,1.00,1.00,1,"","Hg
","ppb","",3.09,.000,229544,3.09
2,1,"D1504-10",147,"22 Feb 12","19:54:39","chemtech","",6,1.00,1.00,1,"","Hg
","ppb","",2.32,.000,174612,2.32
2,1,"D1504-11",148,"22 Feb 12","19:57:04","chemtech","",7,1.00,1.00,1,"","Hg
","ppb","",2.02,.000,153365,2.02
2,1,"D1506-01",149,"22 Feb 12","19:59:04","chemtech","",8,1.00,1.00,1,"","Hg
","ppb","",1.90,.000,144610,1.90
2,1,"D1506-02",150,"22 Feb 12","20:01:05","chemtech","",9,1.00,1.00,1,"","Hg
","ppb","",2.78,.000,207110,2.78
2,1,"D1506-03",151,"22 Feb 12","20:03:09","chemtech","",10,1.00,1.00,1,"","Hg
","ppb","",3.38,.000,249696,3.38
2,1,"D1506-08",152,"22 Feb 12","20:05:10","chemtech","",11,1.00,1.00,1,"","Hg
","ppb","",4.57,.000,334996,4.57
2,1,"D1506-09",153,"22 Feb 12","20:07:20","chemtech","",12,1.00,1.00,1,"","Hg
","ppb","",4.23,.000,310443,4.23
2,1,"D1506-10",154,"22 Feb 12","20:09:23","chemtech","",13,1.00,1.00,1,"","Hg
","ppb","",5.13,.000,374339,5.13
2,1,"D1506-11",155,"22 Feb 12","20:11:43","chemtech","",14,1.00,1.00,1,"","Hg
","ppb","",6.34,.000,460624,6.34
2,1,"D1506-12",156,"22 Feb 12","20:13:42","chemtech","",15,1.00,1.00,1,"","Hg
","ppb","",3.93,.000,289307,3.93
2,1,"D1506-13",157,"22 Feb 12","20:15:42","chemtech","",16,1.00,1.00,1,"","Hg
","ppb","",2.76,.000,205553,2.76
2,1,"CCV",158,"22 Feb 12","20:17:46","chemtech","",17,1.00,1.00,1,"","Hg
","ppb","",5.05,.000,369140,5.05
2,1,"CCB",159,"22 Feb 12","20:20:16","chemtech","",18,1.00,1.00,1,"","Hg
","ppb","",-198,.000,-4900,-198

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# CHEMTECH

284, Sheffield Street, Mountainside NJ 07092 (908) 789 - 8900

## Metals STANDARD PREPARATION LOG

| RecipeID   | NAME  | NO.                     | Prep Date  | Expiration D | Prepared By |
|--|---|-------------------------|------------|--------------|-------------|
| 871  | MERCURY INTERMEDIATE B<br>250PPB WORKING STD. | <a href="#">MP10594</a> | 02/21/2012 | 02/22/2012   | ALPA        |
| <b>FROM</b> 1.000ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M2265) + 2.500ml of Mercury Stock Solution, 10 ug/ml(M2035) + 96.500ml of DI Water(W1152) = Final Quantity: 100.000 ml |   |                         |            |              |             |

| RecipeID   | NAME            | NO.                     | Prep Date  | Expiration D | Prepared By |
|--|-----------------|-------------------------|------------|--------------|-------------|
| 1340   | Hg 0.00 PPB STD | <a href="#">MP10595</a> | 02/21/2012 | 02/22/2012   | ALPA        |
| <b>FROM</b> 2.500ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M2265) + 247.500ml of DI Water(W1152) = Final Quantity: 250.000 ml |                 |                         |            |              |             |

# CHEMTECH

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## Metals STANDARD PREPARATION LOG

| RecipeID  | NAME           | NO.                     | Prep Date  | Expiration D | Prepared By |
|---|----------------|-------------------------|------------|--------------|-------------|
| 1341  | Hg 0.2 PPB STD | <a href="#">MP10596</a> | 02/21/2012 | 02/22/2012   | ALPA        |
| <b>FROM</b> 2.500ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M2265) + 247.300ml of DI Water(W1152) + 0.200ml of MERCURY INTERMEDIATE B 250PPB WORKING STD.(MP10594) = Final Quantity: 250.000 ml |                |                         |            |              |             |

| RecipeID  | NAME           | NO.                     | Prep Date  | Expiration D | Prepared By |
|---|----------------|-------------------------|------------|--------------|-------------|
| 1342  | Hg 2.5 PPB STD | <a href="#">MP10597</a> | 02/21/2012 | 02/22/2012   | ALPA        |
| <b>FROM</b> 2.500ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M2265) + 245.000ml of DI Water(W1152) + 2.500ml of MERCURY INTERMEDIATE B 250PPB WORKING STD.(MP10594) = Final Quantity: 250.000 ml |                |                         |            |              |             |



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## Metals STANDARD PREPARATION LOG

| RecipeID  | NAME           | NO.                     | Prep Date  | Expiration D | Prepared By |
|---|----------------|-------------------------|------------|--------------|-------------|
| 1343  | Hg 5.0 PPB STD | <a href="#">MP10598</a> | 02/21/2012 | 02/22/2012   | ALPA        |
| <b>FROM</b> 2.500ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M2265) + 242.500ml of DI Water(W1152) + 5.000ml of MERCURY INTERMEDIATE B 250PPB WORKING STD.(MP10594) = Final Quantity: 250.000 ml |                |                         |            |              |             |

| RecipeID  | NAME           | NO.                     | Prep Date  | Expiration D | Prepared By |
|---|----------------|-------------------------|------------|--------------|-------------|
| 1344  | Hg 7.5 PPB STD | <a href="#">MP10599</a> | 02/21/2012 | 02/22/2012   | ALPA        |
| <b>FROM</b> 2.500ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M2265) + 240.000ml of DI Water(W1152) + 7.500ml of MERCURY INTERMEDIATE B 250PPB WORKING STD.(MP10594) = Final Quantity: 250.000 ml |                |                         |            |              |             |

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## Metals STANDARD PREPARATION LOG

| RecipeID   | NAME            | NO.                     | Prep Date  | Expiration D | Prepared By |
|--|-----------------|-------------------------|------------|--------------|-------------|
| 1345   | Hg 10.0 PPB STD | <a href="#">MP10600</a> | 02/21/2012 | 02/22/2012   | ALPA        |
| <b>FROM</b> 2.500ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M2265) + 237.500ml of DI Water(W1152) + 10.000ml of MERCURY INTERMEDIATE B 250PPB WORKING STD.(MP10594) = Final Quantity: 250.000 ml |                 |                         |            |              |             |

| RecipeID  | NAME            | NO.                     | Prep Date  | Expiration D | Prepared By |
|---|-----------------|-------------------------|------------|--------------|-------------|
| 1346  | Hg ICV SOLUTION | <a href="#">MP10601</a> | 02/21/2012 | 02/22/2012   | ALPA        |
| <b>FROM</b> 2.500ml of ICV ( HG ) STOCK SOLN(M2098) + 2.500ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L) (M2265) + 245.000ml of DI Water(W1152) = Final Quantity: 250.000 ml |                 |                         |            |              |             |

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## Metals STANDARD PREPARATION LOG

| RecipeID   | NAME                       | NO.                     | Prep Date  | Expiration D | Prepared By |
|--|----------------------------|-------------------------|------------|--------------|-------------|
| 1351   | ICB (Hg 0.00 PPB SOLUTION) | <a href="#">MP10602</a> | 02/21/2012 | 02/22/2012   | ALPA        |
| <b>FROM</b> 2.500ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M2265) + 247.500ml of DI Water(W1152) = Final Quantity: 250.000 ml |                            |                         |            |              |             |

| RecipeID   | NAME                      | NO.                     | Prep Date  | Expiration D | Prepared By |
|--|---------------------------|-------------------------|------------|--------------|-------------|
| 1358   | CCV (Hg 5.0 PPB SOLUTION) | <a href="#">MP10603</a> | 02/21/2012 | 02/22/2012   | ALPA        |
| <b>FROM</b> 485.000ml of DI Water(W1152) + 5.000ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M2265) + 10.000ml of MERCURY INTERMEDIATE B 250PPB WORKING STD.(MP10594) = Final Quantity: 500.000 ml |                           |                         |            |              |             |

# CHEMTECH

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## Metals STANDARD PREPARATION LOG

| RecipeID  | NAME                       | NO.                     | Prep Date  | Expiration D | Prepared By |
|---|----------------------------|-------------------------|------------|--------------|-------------|
| 1352  | CCB (Hg 0.00 PPB SOLUTION) | <a href="#">MP10604</a> | 02/21/2012 | 02/22/2012   | ALPA        |
| <b>FROM</b> 495.000ml of DI Water(W1152) + 5.000ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M2265) = Final<br>Quantity: 500.000 ml |                            |                         |            |              |             |

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## Metals STANDARD PREPARATION LOG

| RecipeID   | NAME                       | NO.                     | Prep Date  | Expiration D | Prepared By |
|--|----------------------------|-------------------------|------------|--------------|-------------|
| 68   | STANNOUS CHLORIDE SOLUTION | <a href="#">MP10608</a> | 02/22/2012 | 02/23/2012   | ALPA        |
| <b>FROM</b> 450.000ml of DI Water(W1152) + 50.000gram of Stannous Chloride (cs/4x500g)(M2177) + 50.000ml of Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)(M2285) = Final Quantity: 500.000 ml |                            |                         |            |              |             |

**QATS INORGANIC REFERENCE MATERIAL  
INITIAL CALIBRATION VERIFICATION SOLUTIONS  
(ICVs)**

*m 2097 - m2101*

*see data  
11/16/11  
A.P.*

| ICV4-0499 |  |
|-----------|--|
| Element   | Concentration (µg/L)<br>(after 10 fold dilution) |
| Cd        | 98.7   |
| Pb        | 99.8   |
| Ag        | 101.9  |
| Tl        | 98.8   |

| ICV5-0508 |   |
|-----------|---|
| Element   | Concentration (µg/L)<br>(after 100 fold dilution) |
| Hg        | 4.0   |

| ICV6-0400 |   |
|-----------|---|
| Element   | Concentration (µg/L)<br>(after 100 fold dilution) |
| CN-       | 99  |

# PLASMA-PURE™

## Standard Certificate

Catalog Number: 610-8002

Lot Number: 1183201

Starting Material: 99.999% purity Hg metal

Diluent/Matrix: 5% HNO<sub>3</sub>

Preparation Date: Sep-11

Expiration Date: Sep-12

Element

Concentration

### Mercury Stock Solution

Hg

10.00 ± 0.02 µg/ml

Residual Impurities \*

Concentration

None Detected

m 2035  
Rece date  
09/20/11  
A-P.

\* Impurities were determined via ICP Emission Spectroscopy. Only elements detected are reported.

### Traceability

1. This standard is certified using wet chemistry assay procedures and/or plasma emission spectroscopy, traceable to primary or well-characterized secondary standards. Traceable to: NIST SRM 3133, Hg  
Lot#991304
2. Analytical balances are routinely calibrated using NIST weight sets.

### Certification

Leeman Labs, Inc. certifies that PLASMA-PURE Standards have been formulated to the concentrations listed above (±0.5% of reported value). This certification does not apply and will be considered null and void if PLASMA-PURE Standards are used in a manner or in an environment not consistent with their intended purpose or are modified by the Customer in any manner.

### Limitations

THE ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

### Limitation of Liability

In no event shall Leeman Labs, Inc. be liable for any indirect, incidental, special, or consequential damages, including loss of profits, revenue, or used incurred by Customer or any third party, whether in an action in contract or tort. Leeman Labs Inc's liability for damages hereunder shall in no event exceed the amounts paid for the PLASMA-PURE Standards.

QC Analyst: *SMS*

Date: September 15, 2011



**TELEDYNE Leeman Labs**

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6 Wentworth Drive Hudson, NH 03051  
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