

**MERCURY ANALYSIS LOGBOOK**

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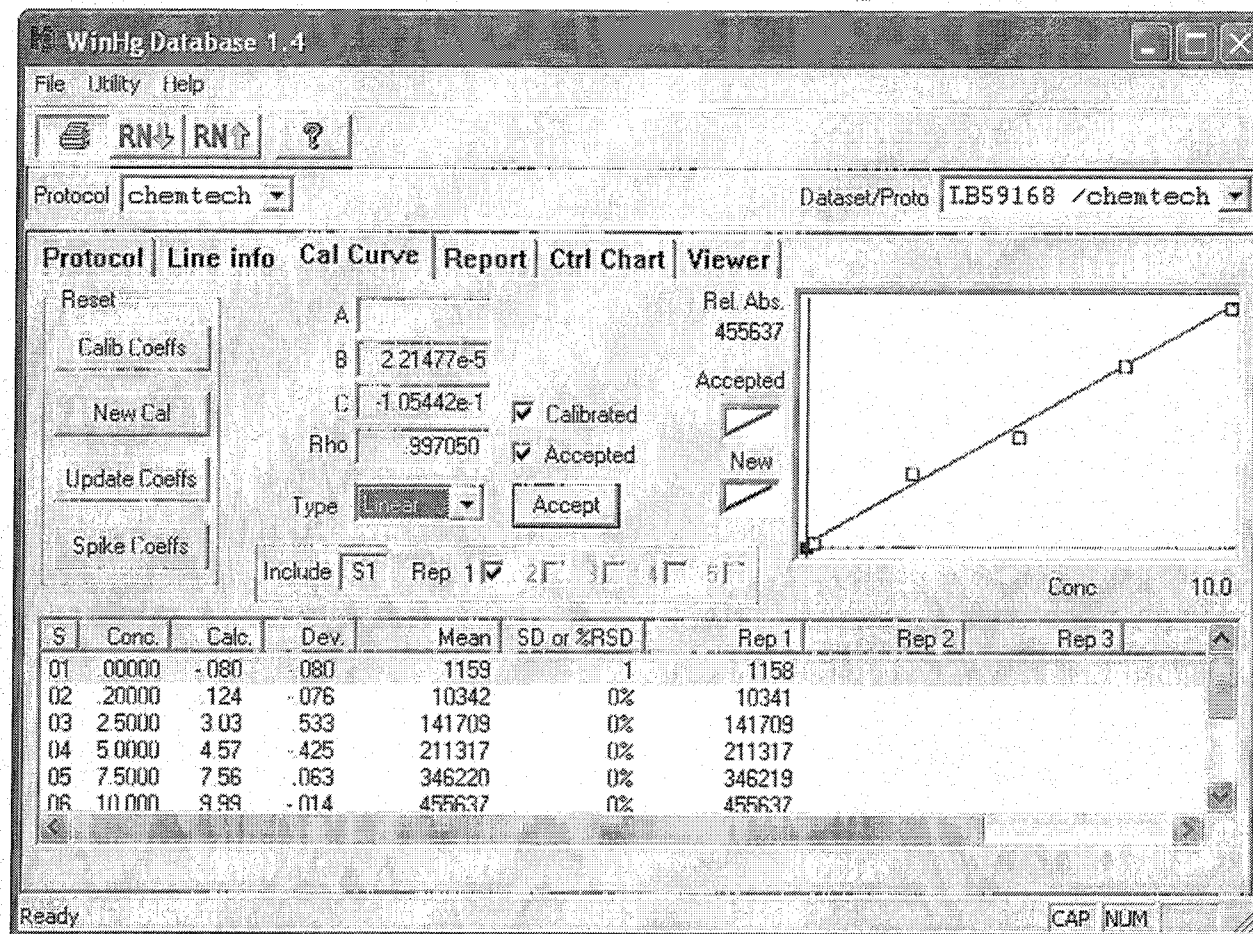
## MERCURY ANALYSIS LOGBOOK

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| Date     | Case Number | Batch Number | Start Time | BLK   | STD1   | STD2   | STD3   | STD4   |
|----------|-------------|--------------|------------|-------|--------|--------|--------|--------|
| 01/25/12 | D1246       | PB60772      | 13:56      | 1878  | 10166  | 12213  | 25482  | 36004  |
|          | D1264       |              | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
| 01/25/12 | D1225       | PB60765      | 16:13      | 1458  | 13020  | 13858  | 21507  | 398314 |
|          | D1241       |              | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
|          | D1249       |              | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
|          | D1257       |              | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
|          | D1205       | PB60775      | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
|          | D1241       |              | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
|          | D1245       |              | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
|          | D1246       |              | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
|          | D1248       |              | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
| 01/26/12 | D1222       | PB60811      | 12:50      | -2098 | 13987  | 17385  | 357591 | 518782 |
|          | D1225       | PB60812      | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
|          | D1243       |              | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
|          | D1202       |              | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
|          | D1265       | PB60811      | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
|          | D1266       |              | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
| 01/26/12 | D1187       | PB60801      | 16:51      | 1818  | 18712  | 17284  | 337466 | 507872 |
|          | D1193       |              | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
| 01/27/12 | D1193       | PB60807      | 9:58       | -98   | 13021  | 147736 | 282054 | 435276 |
|          | D1261       |              | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
|          | D1265       |              | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
|          | D1273       |              | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
| 02/02/12 | D1268       | PB60955      | 11:37      | 6222  | 13453  | 131914 | 270582 | 400314 |
|          | D1269       | PB60956      | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
| 02/02/12 | D1346       | PB60957      | 14:11      | -1052 | 10337  | 122132 | 245990 | 365526 |
|          | D1348       |              | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |
| 02/02/12 | D1261       | PB60958      | 15:59      | 1156  | 110341 | 124709 | 211317 | 344217 |
|          | D1330       |              | ↓          | ↓     | ↓      | ↓      | ↓      | ↓      |

| STD 5  | End Time | Correlation Coefficient | Stannous Chloride Prep Loc # | Comment | Analyst   | Supervisor Signature |
|--------|----------|-------------------------|------------------------------|---------|-----------|----------------------|
| 465722 | 15:47    | 0.999263                | MP10241                      |         | A-J-Patel | DM                   |
| ↓      | ↓        | ↓                       | ↓                            |         | A-J-Patel | DM                   |
| 52366  | 18:39    | 0.999828                | MP10241                      |         | A-J-Patel | DM                   |
| ↓      | ↓        | ↓                       | ↓                            |         | A-J-Patel | DM                   |
| ↓      | ↓        | ↓                       | ↓                            |         | A-J-Patel | DM                   |
| ↓      | ↓        | ↓                       | ↓                            |         | A-J-Patel | DM                   |
| ↓      | ↓        | ↓                       | ↓                            |         | A-J-Patel | DM                   |
| ↓      | ↓        | ↓                       | ↓                            |         | A-J-Patel | DM                   |
| 755401 | 16:07    | 0.998385                | MP10282                      |         | A-J-Patel | DM                   |
| ↓      | ↓        | ↓                       | ↓                            |         | A-J-Patel | DM                   |
| ↓      | ↓        | ↓                       | ↓                            |         | A-J-Patel | DM                   |
| ↓      | ↓        | ↓                       | ↓                            |         | A-J-Patel | DM                   |
| ↓      | ↓        | ↓                       | ↓                            |         | A-J-Patel | DM                   |
| 630911 | 18:50    | 0.999930                | MP10282                      |         | A-J-Patel | DM                   |
| ↓      | ↓        | ↓                       | ↓                            |         | A-J-Patel | DM                   |
| 580534 | 11:45    | 0.999914                | MP10282                      |         | A-J-Patel | DM                   |
| ↓      | ↓        | ↓                       | ↓                            |         | A-J-Patel | DM                   |
| ↓      | ↓        | ↓                       | ↓                            |         | A-J-Patel | DM                   |
| 535800 | 13:09    | 0.999929                | MP10400                      |         | A-J-Patel | DM                   |
| ↓      | ↓        | ↓                       | ↓                            |         | A-J-Patel | DM                   |
| 454944 | 15:28    | 0.999971                | MP10400                      |         | A-J-Patel | DM                   |
| ↓      | ↓        | ↓                       | ↓                            |         | A-J-Patel | DM                   |
| 455637 | 17:40    | 0.997050                | MP10400                      |         | A-J-Patel | DM                   |
| ↓      | ↓        | ↓                       | ↓                            |         | A-J-Patel | DM                   |
| ↓      | ↓        | ↓                       | ↓                            |         | A-J-Patel | DM                   |

LB59168A-1



Instrument ID: v2 LB59168 A-P.

| Line                   | Conc. | Units | SD/RSD       | 1      | 2 | 3                  | 4  | 5 |
|------------------------|-------|-------|--------------|--------|---|--------------------|----|---|
| *** Standard: 1 Rep: 1 |       |       | <i>50</i>    | Seq: 1 |   | 15:59:08 02 Feb 12 | HG |   |
| Hg                     | .000  | ppb   | 1158         |        |   |                    |    |   |
| *** Standard: 2 Rep: 1 |       |       | <i>50.2</i>  | Seq: 2 |   | 16:01:22 02 Feb 12 | HG |   |
| Hg                     | .200  | ppb   | 10341        |        |   |                    |    |   |
| *** Standard: 3 Rep: 1 |       |       | <i>52.5</i>  | Seq: 3 |   | 16:03:24 02 Feb 12 | HG |   |
| Hg                     | 2.50  | ppb   | 141709       |        |   |                    |    |   |
| *** Standard: 4 Rep: 1 |       |       | <i>55.0</i>  | Seq: 4 |   | 16:05:24 02 Feb 12 | HG |   |
| Hg                     | 5.00  | ppb   | 211317       |        |   |                    |    |   |
| *** Standard: 5 Rep: 1 |       |       | <i>57.5</i>  | Seq: 5 |   | 16:07:41 02 Feb 12 | HG |   |
| Hg                     | 7.50  | ppb   | 346219       |        |   |                    |    |   |
| *** Standard: 6 Rep: 1 |       |       | <i>510.0</i> | Seq: 6 |   | 16:09:58 02 Feb 12 | HG |   |
| Hg                     | 10.0  | ppb   | 455637       |        |   |                    |    |   |

*02/02/12 A-F*

| Line                      | Conc. | Units | SD/RSD     | 1       | 2        | 3         | 4  | 5 |
|---------------------------|-------|-------|------------|---------|----------|-----------|----|---|
| *** Sample ID: ICV        |       |       |            |         |          |           |    |   |
|                           |       |       | ICV        | Seq: 7  | 16:12:05 | 02 Feb 12 | HG |   |
| Hg                        | 3.76  | ppb   | .000       | 3.76    |          |           |    |   |
| =====                     |       |       |            |         |          |           |    |   |
| *** Sample ID: ICB        |       |       |            |         |          |           |    |   |
|                           |       |       | ICB        | Seq: 8  | 16:14:38 | 02 Feb 12 | HG |   |
| Hg                        | -.093 | ppb   | .000       | -.093   |          |           |    |   |
| =====                     |       |       |            |         |          |           |    |   |
| *** Check Standard: 2 Ck2 |       |       |            |         |          |           |    |   |
| Line                      | Flag  | %Rcv. | Found      | True    | Units    | SD/RSD    |    |   |
| Hg                        |       | 108.  | 5.39       | 5.00    | ppb      | .000      |    |   |
| =====                     |       |       |            |         |          |           |    |   |
| *** Check Standard: 1 Ck1 |       |       |            |         |          |           |    |   |
| Line                      | Flag  | Found | Range(+/-) | Units   | SD/RSD   |           |    |   |
| Hg                        |       | -.102 | .200       | ppb     | .000     |           |    |   |
| =====                     |       |       |            |         |          |           |    |   |
| *** Sample ID: CRA        |       |       |            |         |          |           |    |   |
|                           |       |       | CRA        | Seq: 11 | 16:21:06 | 02 Feb 12 | HG |   |
| Hg                        | .120  | ppb   | .000       | .120    |          |           |    |   |
| =====                     |       |       |            |         |          |           |    |   |
| *** Sample ID: HIGH STD   |       |       |            |         |          |           |    |   |
|                           |       |       | HIGH STD   | Seq: 12 | 16:23:15 | 02 Feb 12 | HG |   |
| Hg                        | 12.0  | ppb   | .000       | 12.0    |          |           |    |   |
| =====                     |       |       |            |         |          |           |    |   |
| *** Sample ID: CHK STD    |       |       |            |         |          |           |    |   |
|                           |       |       | CHK STD    | Seq: 13 | 16:25:18 | 02 Feb 12 | HG |   |
| Hg                        | 7.14  | ppb   | .000       | 7.14    |          |           |    |   |
| =====                     |       |       |            |         |          |           |    |   |
| *** Sample ID: PB60958BL  |       |       |            |         |          |           |    |   |
|                           |       |       | PBW        | Seq: 14 | 16:27:22 | 02 Feb 12 | HG |   |
| Hg                        | -.129 | ppb   | .000       | -.129   |          |           |    |   |
| =====                     |       |       |            |         |          |           |    |   |
| *** Sample ID: PB60958BS  |       |       |            |         |          |           |    |   |
|                           |       |       | LCSW       | Seq: 15 | 16:29:33 | 02 Feb 12 | HG |   |
| Hg                        | 3.84  | ppb   | .000       | 3.84    |          |           |    |   |
| =====                     |       |       |            |         |          |           |    |   |
| *** Sample ID: D1261-16   |       |       |            |         |          |           |    |   |
|                           |       |       |            | Seq: 16 | 16:31:37 | 02 Feb 12 | HG |   |
| Hg                        | -.076 | ppb   | .000       | -.076   |          |           |    |   |
| =====                     |       |       |            |         |          |           |    |   |

| Line  | Conc.                 | Units | SD/RSD     | 1     | 2      | 3        | 4         | 5  |   |
|-------|-----------------------|-------|------------|-------|--------|----------|-----------|----|---|
| ===== |                       |       |            |       |        |          |           |    |   |
| ***   | Sample ID: D1330-10   |       |            | Seq:  | 17     | 16:33:47 | 02 Feb 12 | HG |   |
| Hg    | -.094                 | ppb   | .000       | -.094 |        |          |           |    | = |
| ===== |                       |       |            |       |        |          |           |    |   |
| ***   | Sample ID: D1330-10D  |       |            | Seq:  | 18     | 16:35:48 | 02 Feb 12 | HG |   |
| Hg    | -.077                 | ppb   | .000       | -.077 |        |          |           |    | = |
| ***   | Check Standard: 2 Ck2 |       |            | Seq:  | 21     | 16:42:15 | 02 Feb 12 | HG |   |
| Line  | Flag                  | %Rcv. | Found      | True  | Units  | SD/RSD   |           |    |   |
| Hg    |                       | 99.8  | 4.99       | 5.00  | ppb    | .000     |           |    | = |
| ***   | Check Standard: 1 Ck1 |       |            | Seq:  | 22     | 16:44:15 | 02 Feb 12 | HG |   |
| Line  | Flag                  | Found | Range(+/-) | Units | SD/RSD |          |           |    |   |
| Hg    |                       | -.106 | .200       | ppb   | .000   |          |           |    | = |
| ***   | Sample ID: D1330-10L  |       |            | Seq:  | 23     | 16:46:14 | 02 Feb 12 | HG |   |
| Hg    | -.079                 | ppb   | .000       | -.079 |        |          |           |    | = |
| ===== |                       |       |            |       |        |          |           |    |   |
| ***   | Sample ID: D1330-10S  |       |            | Seq:  | 24     | 16:49:06 | 02 Feb 12 | HG |   |
| Hg    | 4.38                  | ppb   | .000       | 4.38  |        |          |           |    | = |
| ===== |                       |       |            |       |        |          |           |    |   |
| ***   | Sample ID: D1330-10SD |       |            | Seq:  | 25     | 16:51:07 | 02 Feb 12 | HG |   |
| Hg    | 3.87                  | ppb   | .000       | 3.87  |        |          |           |    | = |
| ===== |                       |       |            |       |        |          |           |    |   |
| ***   | Sample ID: D1330-10A  |       |            | Seq:  | 26     | 16:53:10 | 02 Feb 12 | HG |   |
| Hg    | 4.28                  | ppb   | .000       | 4.28  |        |          |           |    | = |
| ===== |                       |       |            |       |        |          |           |    |   |
| ***   | Sample ID: D1330-12   |       |            | Seq:  | 27     | 16:55:09 | 02 Feb 12 | HG |   |
| Hg    | -.101                 | ppb   | .000       | -.101 |        |          |           |    | = |
| ===== |                       |       |            |       |        |          |           |    |   |
| ***   | Sample ID: D1337-01   |       |            | Seq:  | 28     | 16:57:09 | 02 Feb 12 | HG |   |
| Hg    | -.104                 | ppb   | .000       | -.104 |        |          |           |    | = |

| Line  | Conc.                 | Units            | SD/RSD            | 1     | 2      | 3                  | 4 | 5 |    |
|-------|-----------------------|------------------|-------------------|-------|--------|--------------------|---|---|----|
| ----- |                       |                  |                   |       |        |                    |   |   |    |
| ***   | Sample ID: D1337-02   |                  |                   | Seq:  | 29     | 16:59:29 02 Feb 12 |   |   | HG |
| Hg    | -.074                 | ppb              | .000              | -.074 |        |                    |   |   |    |
| ***   | Sample ID: D1337-03   |                  |                   | Seq:  | 30     | 17:01:30 02 Feb 12 |   |   | HG |
| Hg    | -.071                 | ppb              | .000              | -.071 |        |                    |   |   |    |
| ***   | Check Standard: 2 Ck2 |                  |                   | Seq:  | 31     | 17:03:49 02 Feb 12 |   |   | HG |
| Line  | Flag                  | %Rcv.            | Found             | True  | Units  | SD/RSD             |   |   |    |
| Hg    |                       | 96.3             | 4.81              | 5.00  | ppb    | .000               |   |   |    |
| ***   | Check Standard: 1 Ck1 |                  |                   | Seq:  | 32     | 17:05:53 02 Feb 12 |   |   | HG |
| Line  | Flag                  | Found Range(+/-) |                   | Units | SD/RSD |                    |   |   |    |
| Hg    |                       | -.118            | .200              | ppb   | .000   |                    |   |   |    |
| ***   | Sample ID: D1337-04   |                  |                   | Seq:  | 33     | 17:07:54 02 Feb 12 |   |   | HG |
| Hg    | -.074                 | ppb              | .000              | -.074 |        |                    |   |   |    |
| ***   | Sample ID: D1340-01   |                  |                   | Seq:  | 34     | 17:10:26 02 Feb 12 |   |   | HG |
| Hg    | .075                  | ppb              | .000              | .075  |        |                    |   |   |    |
| ***   | Sample ID: D1341-01   |                  |                   | Seq:  | 35     | 17:12:28 02 Feb 12 |   |   | HG |
| Hg    | -.051                 | ppb              | .000              | -.051 |        |                    |   |   |    |
| ***   | Sample ID: PB60959BL  |                  |                   | Seq:  | 36     | 17:14:31 02 Feb 12 |   |   | HG |
|       |                       |                  | PBW               |       |        |                    |   |   |    |
| Hg    | -.068                 | ppb              | .000              | -.068 |        |                    |   |   |    |
| ***   | Sample ID: PB60959BS  |                  |                   | Seq:  | 37     | 17:17:03 02 Feb 12 |   |   | HG |
|       |                       |                  | LCSW              |       |        |                    |   |   |    |
| Hg    | 4.17                  | ppb              | .000              | 4.17  |        |                    |   |   |    |
| ***   | Sample ID: PB60952EB  |                  |                   | Seq:  | 38     | 17:19:06 02 Feb 12 |   |   | HG |
|       |                       |                  | FLUID#1(01/31/12) |       |        |                    |   |   |    |
| Hg    | -.084                 | ppb              | .000              | -.084 |        |                    |   |   |    |
| ***   | Sample ID: D1346-13   |                  |                   | Seq:  | 39     | 17:21:06 02 Feb 12 |   |   | HG |
| Hg    | -.066                 | ppb              | .000              | -.066 |        |                    |   |   |    |
| ***   | Sample ID: D1346-13D  |                  |                   | Seq:  | 40     | 17:23:16 02 Feb 12 |   |   | HG |
| Hg    | -.054                 | ppb              | .000              | -.054 |        |                    |   |   |    |

| Line                      | Conc. | Units | SD/RSD     | 1     | 2       | 3                  | 4                  | 5  |
|---------------------------|-------|-------|------------|-------|---------|--------------------|--------------------|----|
| -----                     |       |       |            |       |         |                    |                    |    |
| *** Check Standard: 2 Ck2 |       |       |            |       |         |                    |                    |    |
| Line                      | Flag  | %Rcv. | Found      | True  | Units   | Seq: 41            | 17:25:39 02 Feb 12 | HG |
| Hg                        |       | 94.6  | 4.73       | 5.00  | ppb     | SD/RSD             |                    |    |
|                           |       |       |            |       |         | .000               |                    |    |
| *** Check Standard: 1 Ck1 |       |       |            |       |         |                    |                    |    |
| Line                      | Flag  | Found | Range(+/-) | Units | Seq: 42 | 17:27:51 02 Feb 12 | HG                 |    |
| Hg                        |       | -.069 | .200       | ppb   | SD/RSD  |                    |                    |    |
|                           |       |       |            |       | .000    |                    |                    |    |
| *** Sample ID: D1346-13L  |       |       |            |       |         |                    |                    |    |
|                           |       |       |            |       | Seq: 43 | 17:30:04 02 Feb 12 | HG                 |    |
| Hg                        | -.094 | ppb   | .000       | -.094 |         |                    |                    |    |
| *** Sample ID: D1346-13S  |       |       |            |       |         |                    |                    |    |
|                           |       |       |            |       | Seq: 44 | 17:32:24 02 Feb 12 | HG                 |    |
| Hg                        | 3.88  | ppb   | .000       | 3.88  |         |                    |                    |    |
| *** Sample ID: D1346-13SD |       |       |            |       |         |                    |                    |    |
|                           |       |       |            |       | Seq: 45 | 17:34:39 02 Feb 12 | HG                 |    |
| Hg                        | 4.20  | ppb   | .000       | 4.20  |         |                    |                    |    |
| *** Sample ID: D1346-13A  |       |       |            |       |         |                    |                    |    |
|                           |       |       |            |       | Seq: 46 | 17:36:53 02 Feb 12 | HG                 |    |
| Hg                        | 3.92  | ppb   | .000       | 3.92  |         |                    |                    |    |
| *** Check Standard: 2 Ck2 |       |       |            |       |         |                    |                    |    |
| Line                      | Flag  | %Rcv. | Found      | True  | Units   | Seq: 47            | 17:38:54 02 Feb 12 | HG |
| Hg                        |       | 92.2  | 4.61       | 5.00  | ppb     | SD/RSD             |                    |    |
|                           |       |       |            |       |         | .000               |                    |    |
| *** Check Standard: 1 Ck1 |       |       |            |       |         |                    |                    |    |
| Line                      | Flag  | Found | Range(+/-) | Units | Seq: 48 | 17:40:54 02 Feb 12 | HG                 |    |
| Hg                        |       | -.132 | .200       | ppb   | SD/RSD  |                    |                    |    |
|                           |       |       |            |       | .000    |                    |                    |    |