

## MERCURY ANALYSIS LOGBOOK

[illegible]

QA Control # A3040930

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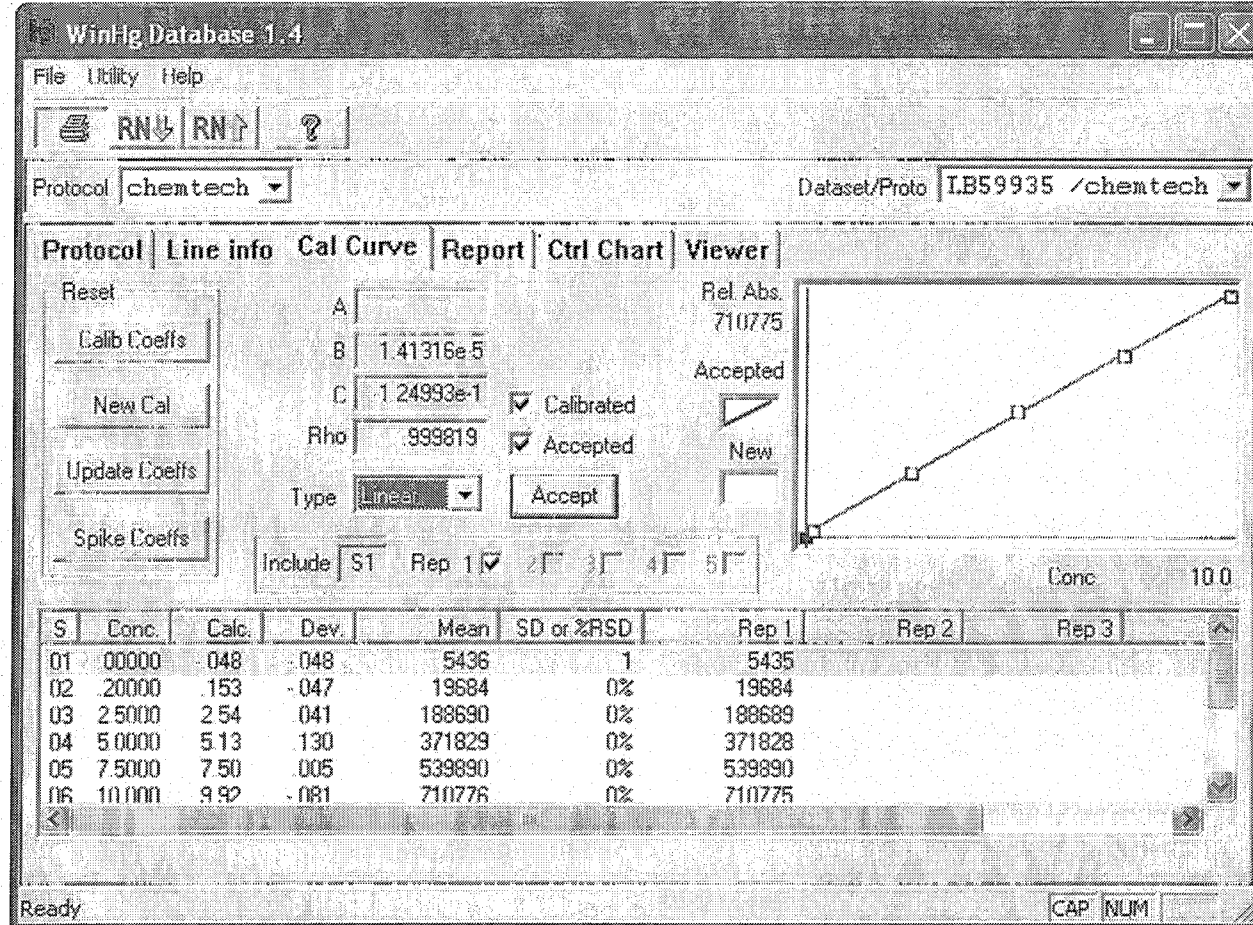
MERCURY ANALYSIS LOGBOOK

[illegible]

QA Control # A3040930

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L 359935 A-P.



Instrument ID: V2 LB59935 A-6

| Line                   | Conc. | Units | SD/RSD | 1      | 2 | 3                  | 4  | 5 |
|------------------------|-------|-------|--------|--------|---|--------------------|----|---|
| *** Standard: 1 Rep: 1 |       |       | 50     | Seq: 1 |   | 08:30:33 30 Mar 12 | HG |   |
| Hg                     | .000  | ppb   | 5435   |        |   |                    |    |   |
| *** Standard: 2 Rep: 1 |       |       | 50.2   | Seq: 2 |   | 08:32:45 30 Mar 12 | HG |   |
| Hg                     | .200  | ppb   | 19684  |        |   |                    |    |   |
| *** Standard: 3 Rep: 1 |       |       | 52.5   | Seq: 3 |   | 08:34:56 30 Mar 12 | HG |   |
| Hg                     | 2.50  | ppb   | 188689 |        |   |                    |    |   |
| *** Standard: 4 Rep: 1 |       |       | 55.0   | Seq: 4 |   | 08:37:15 30 Mar 12 | HG |   |
| Hg                     | 5.00  | ppb   | 371828 |        |   |                    |    |   |
| *** Standard: 5 Rep: 1 |       |       | 57.5   | Seq: 5 |   | 08:40:01 30 Mar 12 | HG |   |
| Hg                     | 7.50  | ppb   | 539890 |        |   |                    |    |   |
| *** Standard: 6 Rep: 1 |       |       | 510.0  | Seq: 6 |   | 08:42:07 30 Mar 12 | HG |   |
| Hg                     | 10.0  | ppb   | 710775 |        |   |                    |    |   |

03/30/12 A-P

| Line                      | Conc. | Units | SD/RSD     | 1       | 2      | 3                  | 4 | 5  |
|---------------------------|-------|-------|------------|---------|--------|--------------------|---|----|
| *** Sample ID: ICV        |       |       |            |         |        |                    |   |    |
|                           |       |       | ICV        | Seq: 7  |        | 08:44:13 30 Mar 12 |   | HG |
| Hg                        | 3.90  | ppb   | .000       | 3.90    |        |                    |   |    |
| *** Sample ID: ICB        |       |       |            |         |        |                    |   |    |
|                           |       |       | ICB        | Seq: 8  |        | 08:46:11 30 Mar 12 |   | HG |
| Hg                        | -.008 | ppb   | .000       | -.008   |        |                    |   |    |
| *** Check Standard: 2 Ck2 |       |       |            |         |        |                    |   |    |
| Line                      | Flag  | %Rcv. | Found      | True    | Units  | SD/RSD             |   |    |
| Hg                        |       | 104.  | 5.18       | 5.00    | ppb    | .000               |   |    |
| *** Check Standard: 1 Ck1 |       |       |            |         |        |                    |   |    |
| Line                      | Flag  | Found | Range(+/-) | Units   | SD/RSD |                    |   |    |
| Hg                        |       | -.133 | .200       | ppb     | .000   |                    |   |    |
| *** Sample ID: CRA        |       |       |            |         |        |                    |   |    |
|                           |       |       | CRA        | Seq: 11 |        | 08:52:50 30 Mar 12 |   | HG |
| Hg                        | .154  | ppb   | .000       | .154    |        |                    |   |    |
| *** Sample ID: HIGH STD   |       |       |            |         |        |                    |   |    |
|                           |       |       | HIGH STD   | Seq: 12 |        | 08:54:58 30 Mar 12 |   | HG |
| Hg                        | 9.53  | ppb   | .000       | 9.53    |        |                    |   |    |
| *** Sample ID: CHK STD    |       |       |            |         |        |                    |   |    |
|                           |       |       | CHK STD    | Seq: 13 |        | 08:57:37 30 Mar 12 |   | HG |
| Hg                        | 7.10  | ppb   | .000       | 7.10    |        |                    |   |    |
| *** Sample ID: PB61999BL  |       |       |            |         |        |                    |   |    |
|                           |       |       | PBS        | Seq: 14 |        | 08:59:51 30 Mar 12 |   | HG |
| Hg                        | -.059 | ppb   | .000       | -.059   |        |                    |   |    |
| *** Sample ID: PB61999BS  |       |       |            |         |        |                    |   |    |
|                           |       |       | LCSS       | Seq: 15 |        | 09:01:54 30 Mar 12 |   | HG |
| Hg                        | 3.72  | ppb   | .000       | 3.72    |        |                    |   |    |
| *** Sample ID: PB62004BL  |       |       |            |         |        |                    |   |    |
|                           |       |       | PBS        | Seq: 16 |        | 09:03:55 30 Mar 12 |   | HG |
| Hg                        | -.102 | ppb   | .000       | -.102   |        |                    |   |    |
| *** Sample ID: PB62004BS  |       |       |            |         |        |                    |   |    |
|                           |       |       | LCSS       | Seq: 17 |        | 09:06:00 30 Mar 12 |   | HG |
| Hg                        | 3.93  | ppb   | .000       | 3.93    |        |                    |   |    |
| *** Sample ID: D1952-01   |       |       |            |         |        |                    |   |    |
|                           |       |       |            | Seq: 18 |        | 09:08:24 30 Mar 12 |   | HG |
| Hg                        | 1.15  | ppb   | .000       | 1.15    |        |                    |   |    |

| Line | Conc.           | Units     | SD/RSD     |       | 1     | 2      | 3        | 4  | 5      |    |
|------|-----------------|-----------|------------|-------|-------|--------|----------|----|--------|----|
|      |                 |           |            |       |       |        |          |    |        |    |
| ***  | Check Standard: | 2         | Ck2        |       | Seq:  | 19     | 09:10:25 | 30 | Mar 12 | HG |
| Line | Flag            | %Rcv.     | Found      | True  | Units |        | SD/RSD   |    |        |    |
| Hg   |                 | 102.      | 5.11       | 5.00  | ppb   |        | .000     |    |        |    |
| ***  | Check Standard: | 1         | Ck1        |       | Seq:  | 20     | 09:12:35 | 30 | Mar 12 | HG |
| Line | Flag            | Found     | Range(+/-) | Units |       | SD/RSD |          |    |        |    |
| Hg   |                 | .007      | .200       | ppb   |       | .000   |          |    |        |    |
| ***  | Sample ID:      | D1952-01D |            |       | Seq:  | 21     | 09:14:36 | 30 | Mar 12 | HG |
| Hg   | 1.40            | ppb       | .000       |       | 1.40  |        |          |    |        |    |
| ***  | Sample ID:      | D1952-01L |            |       | Seq:  | 22     | 09:16:36 | 30 | Mar 12 | HG |
| Hg   | .297            | ppb       | .000       |       | .297  |        |          |    |        |    |
| ***  | Sample ID:      | D1952-02  |            |       | Seq:  | 23     | 09:18:35 | 30 | Mar 12 | HG |
| Hg   | 4.86            | ppb       | .000       |       | 4.86  |        |          |    |        |    |
| ***  | Sample ID:      | D1952-03  |            |       | Seq:  | 24     | 09:20:33 | 30 | Mar 12 | HG |
| Hg   | 4.81            | ppb       | .000       |       | 4.81  |        |          |    |        |    |
| ***  | Sample ID:      | D1952-01A |            |       | Seq:  | 25     | 09:22:36 | 30 | Mar 12 | HG |
| Hg   | 5.05            | ppb       | .000       |       | 5.05  |        |          |    |        |    |
| ***  | Sample ID:      | D1952-04  |            |       | Seq:  | 26     | 09:25:06 | 30 | Mar 12 | HG |
| Hg   | .440            | ppb       | .000       |       | .440  |        |          |    |        |    |
| ***  | Sample ID:      | D1952-05  |            |       | Seq:  | 27     | 09:27:21 | 30 | Mar 12 | HG |
| Hg   | .600            | ppb       | .000       |       | .600  |        |          |    |        |    |
| ***  | Sample ID:      | D1952-06  |            |       | Seq:  | 28     | 09:29:21 | 30 | Mar 12 | HG |
| Hg   | .523            | ppb       | .000       |       | .523  |        |          |    |        |    |
| ***  | Check Standard: | 2         | Ck2        |       | Seq:  | 29     | 09:31:42 | 30 | Mar 12 | HG |
| Line | Flag            | %Rcv.     | Found      | True  | Units |        | SD/RSD   |    |        |    |
| Hg   |                 | 103.      | 5.15       | 5.00  | ppb   |        | .000     |    |        |    |
| ***  | Check Standard: | 1         | Ck1        |       | Seq:  | 30     | 09:33:53 | 30 | Mar 12 | HG |
| Line | Flag            | Found     | Range(+/-) | Units |       | SD/RSD |          |    |        |    |
| Hg   |                 | -.099     | .200       | ppb   |       | .000   |          |    |        |    |

| Line  | Conc.                 | Units | SD/RSD     | 1     | 2      | 3                     | 4 | 5 |
|-------|-----------------------|-------|------------|-------|--------|-----------------------|---|---|
| ----- |                       |       |            |       |        |                       |   |   |
| ***   | Sample ID: D1952-07   |       |            | Seq:  | 31     | 09:36:06 30 Mar 12 HG |   |   |
| Hg    | .666                  | ppb   | .000       | .666  |        |                       |   |   |
| ***   | Sample ID: D1952-08   |       |            | Seq:  | 32     | 09:38:07 30 Mar 12 HG |   |   |
| Hg    | .724                  | ppb   | .000       | .724  |        |                       |   |   |
| ***   | Sample ID: D1952-08D  |       |            | Seq:  | 33     | 09:40:07 30 Mar 12 HG |   |   |
| Hg    | .818                  | ppb   | .000       | .818  |        |                       |   |   |
| ***   | Sample ID: D1952-08L  |       |            | Seq:  | 34     | 09:42:08 30 Mar 12 HG |   |   |
| Hg    | -.014                 | ppb   | .000       | -.014 |        |                       |   |   |
| ***   | Sample ID: D1952-09   |       |            | Seq:  | 35     | 09:44:07 30 Mar 12 HG |   |   |
| Hg    | 4.71                  | ppb   | .000       | 4.71  |        |                       |   |   |
| ***   | Sample ID: D1952-10   |       |            | Seq:  | 36     | 09:46:15 30 Mar 12 HG |   |   |
| Hg    | 4.74                  | ppb   | .000       | 4.74  |        |                       |   |   |
| ***   | Sample ID: D1952-08A  |       |            | Seq:  | 37     | 09:48:50 30 Mar 12 HG |   |   |
| Hg    | 4.60                  | ppb   | .000       | 4.60  |        |                       |   |   |
| ***   | Sample ID: D1952-11   |       |            | Seq:  | 38     | 09:50:50 30 Mar 12 HG |   |   |
| Hg    | .144                  | ppb   | .000       | .144  |        |                       |   |   |
| ***   | Check Standard: 2 Ck2 |       |            | Seq:  | 39     | 09:52:49 30 Mar 12 HG |   |   |
| Line  | Flag                  | %Rcv. | Found      | True  | Units  | SD/RSD                |   |   |
| Hg    |                       | 101.  | 5.03       | 5.00  | ppb    | .000                  |   |   |
| ***   | Check Standard: 1 Ck1 |       |            | Seq:  | 40     | 09:54:59 30 Mar 12 HG |   |   |
| Line  | Flag                  | Found | Range(+/-) | Units | SD/RSD |                       |   |   |
| Hg    |                       | .012  | .200       | ppb   | .000   |                       |   |   |
| ***   | Sample ID: D1952-12   |       |            | Seq:  | 41     | 09:58:38 30 Mar 12 HG |   |   |
| Hg    | .390                  | ppb   | .000       | .390  |        |                       |   |   |
| ***   | Sample ID: D1952-13   |       |            | Seq:  | 42     | 10:00:49 30 Mar 12 HG |   |   |
| Hg    | 3.69                  | ppb   | .000       | 3.69  |        |                       |   |   |

| Line  | Conc.                 | Units | SD/RSD     | 1     | 2      | 3                     | 4 | 5 |
|-------|-----------------------|-------|------------|-------|--------|-----------------------|---|---|
| ----- |                       |       |            |       |        |                       |   |   |
| ***   | Sample ID: D1952-14   |       |            | Seq:  | 43     | 10:03:13 30 Mar 12 HG |   |   |
| Hg    | 1.35                  | ppb   | .000       | 1.35  |        |                       |   |   |
| ***   | Sample ID: D1952-15   |       |            | Seq:  | 44     | 10:05:53 30 Mar 12 HG |   |   |
| Hg    | 1.33                  | ppb   | .000       | 1.33  |        |                       |   |   |
| ***   | Sample ID: D1952-16   |       |            | Seq:  | 45     | 10:07:53 30 Mar 12 HG |   |   |
| Hg    | 1.60                  | ppb   | .000       | 1.60  |        |                       |   |   |
| ***   | Sample ID: D1952-17   |       |            | Seq:  | 46     | 10:09:54 30 Mar 12 HG |   |   |
| Hg    | .792                  | ppb   | .000       | .792  |        |                       |   |   |
| ***   | Sample ID: D1952-18   |       |            | Seq:  | 47     | 10:12:34 30 Mar 12 HG |   |   |
| Hg    | 1.15                  | ppb   | .000       | 1.15  |        |                       |   |   |
| ***   | Sample ID: D1982-01   |       |            | Seq:  | 48     | 10:14:35 30 Mar 12 HG |   |   |
| Hg    | -.069                 | ppb   | .000       | -.069 |        |                       |   |   |
| ***   | Check Standard: 2 Ck2 |       |            | Seq:  | 49     | 10:16:36 30 Mar 12 HG |   |   |
| Line  | Flag                  | %Rcv. | Found      | True  | Units  | SD/RSD                |   |   |
| Hg    |                       | 104.  | 5.22       | 5.00  | ppb    | .000                  |   |   |
| ***   | Check Standard: 1 Ck1 |       |            | Seq:  | 50     | 10:18:47 30 Mar 12 HG |   |   |
| Line  | Flag                  | Found | Range(+/-) | Units | SD/RSD |                       |   |   |
| Hg    |                       | -.189 | .200       | ppb   | .000   |                       |   |   |
| ***   | Sample ID: D1982-02   |       |            | Seq:  | 51     | 10:20:46 30 Mar 12 HG |   |   |
| Hg    | .122                  | ppb   | .000       | .122  |        |                       |   |   |
| ***   | Sample ID: D1982-03   |       |            | Seq:  | 52     | 10:23:55 30 Mar 12 HG |   |   |
| Hg    | .418                  | ppb   | .000       | .418  |        |                       |   |   |
| ***   | Sample ID: D1982-04   |       |            | Seq:  | 53     | 10:25:57 30 Mar 12 HG |   |   |
| Hg    | -.093                 | ppb   | .000       | -.093 |        |                       |   |   |
| ***   | Sample ID: D1982-06   |       |            | Seq:  | 54     | 10:28:01 30 Mar 12 HG |   |   |
| Hg    | -.166                 | ppb   | .000       | -.166 |        |                       |   |   |

| Line                      | Conc. | Units | SD/RSD     | 1     | 2    | 3        | 4         | 5            |
|---------------------------|-------|-------|------------|-------|------|----------|-----------|--------------|
| *** Sample ID: D1982-07   |       |       |            |       |      |          |           |              |
|                           |       |       |            | Seq:  | 55   | 10:30:03 | 30 Mar 12 | HG           |
| Hg                        | .091  | ppb   | .000       | .091  |      |          |           |              |
| *** Check Standard: 2 Ck2 |       |       |            |       |      |          |           |              |
| Line                      | Flag  | %Rcv. | Found      | True  | Seq: | 56       | 10:32:04  | 30 Mar 12 HG |
|                           |       |       |            | Units |      | SD/RSD   |           |              |
| Hg                        |       | 102.  | 5.09       | 5.00  | ppb  | .000     |           |              |
| *** Check Standard: 1 Ck1 |       |       |            |       |      |          |           |              |
| Line                      | Flag  | Found | Range(+/-) | Units | Seq: | 57       | 10:34:07  | 30 Mar 12 HG |
|                           |       |       |            |       |      | SD/RSD   |           |              |
| Hg                        |       | -.045 | .200       | ppb   |      | .000     |           |              |