

MERCURY ANALYSIS LOGBOOK

LS359233 (ex 8)

[illegible]

QA Control # A3040930

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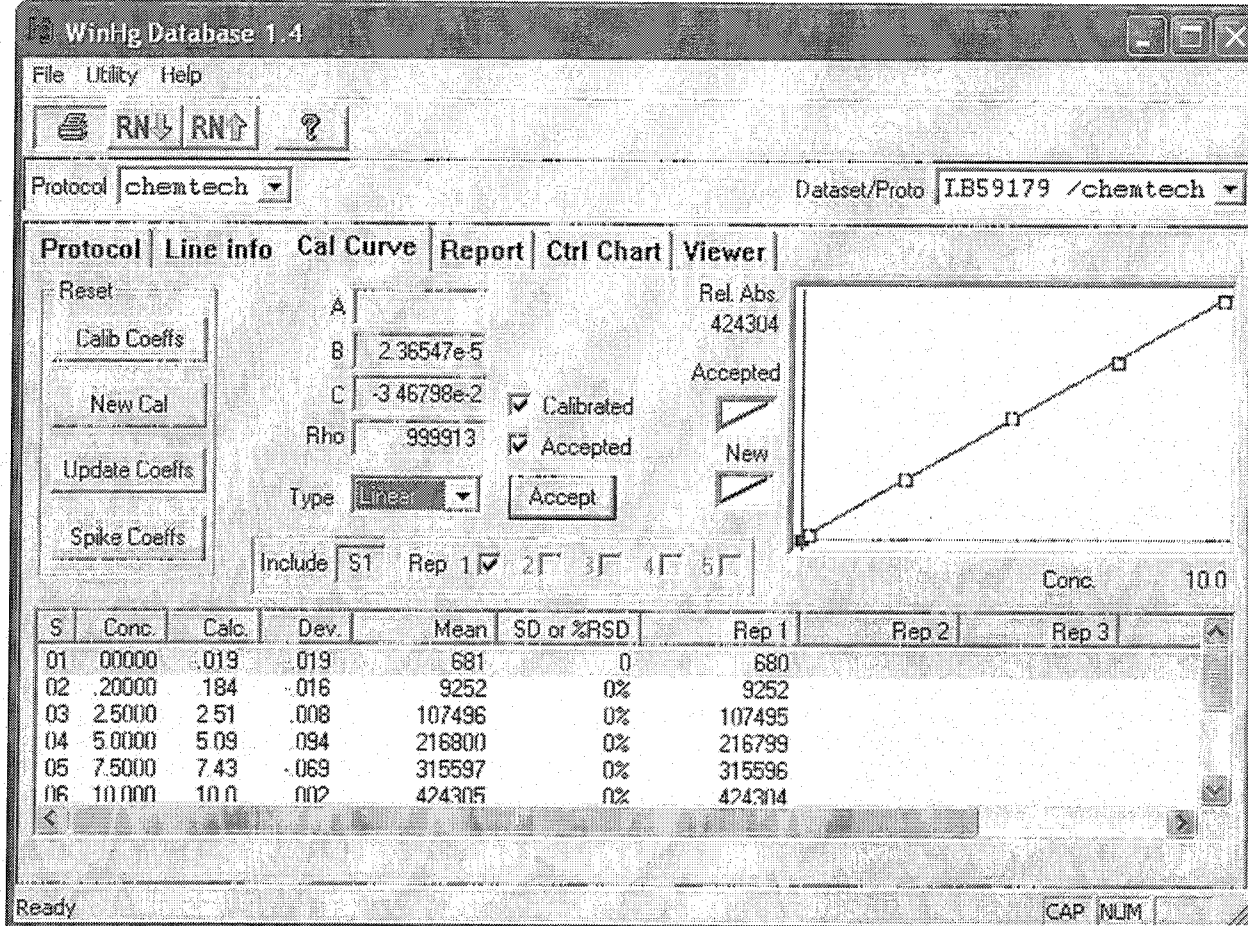
MERCURY ANALYSIS LOGBOOK

[illegible]

QA Control # A3040930

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LB59233 A.P.



Instrument ID: V2 LB59233 A-P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1			50	Seq: 27		12:02:21 07 Feb 12		HG
Hg	.000	ppb	680					
*** Standard: 2 Rep: 1			50.2	Seq: 28		12:05:10 07 Feb 12		HG
Hg	.200	ppb	9252					
*** Standard: 3 Rep: 1			52.5	Seq: 29		12:07:18 07 Feb 12		HG
Hg	2.50	ppb	107495					
*** Standard: 4 Rep: 1			55.0	Seq: 30		12:09:24 07 Feb 12		HG
Hg	5.00	ppb	216799					
*** Standard: 5 Rep: 1			57.5	Seq: 31		12:11:29 07 Feb 12		HG
Hg	7.50	ppb	315596					
*** Standard: 6 Rep: 1			510.0	Seq: 32		12:13:37 07 Feb 12		HG
Hg	10.0	ppb	424304					
*** Sample ID: ICV				Seq: 33		12:16:25 07 Feb 12		HG
Hg	4.13	ppb	ICV .000	4.13				
*** Sample ID: ICB				Seq: 34		12:18:47 07 Feb 12		HG
Hg	-.056	ppb	ICB .000	-.056				
*** Check Standard: 2 Ck2				Seq: 35		12:20:46 07 Feb 12		HG
Line Flag %Rcv. Found True Units SD/RSD								
Hg	102.	5.10	5.00	ppb	.000			
*** Check Standard: 1 Ck1				Seq: 36		12:22:48 07 Feb 12		HG
Line Flag Found Range(+/-) Units SD/RSD								
Hg	-.039	.200		ppb	.000			
*** Sample ID: CRA				Seq: 37		12:24:48 07 Feb 12		HG
Hg	.199	ppb	CRA .000	.199				

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: HIGH STD Seq: 38 12:26:47 07 Feb 12 HG

Hg 10.4 ppb .000 HIGH STD 10.4

=====

*** Sample ID: CHK STD Seq: 39 12:29:08 07 Feb 12 HG

Hg 7.33 ppb .000 CHK STD 7.33

=====

*** Sample ID: PB61031BL Seq: 40 12:31:18 07 Feb 12 HG

Hg -.040 ppb .000 PBS -.040

=====

*** Sample ID: PB61031BS Seq: 41 12:33:47 07 Feb 12 HG

Hg 4.21 ppb .000 LCSS 4.21

=====

*** Sample ID: D1410-02 Seq: 42 12:35:49 07 Feb 12 HG

Hg 21.9 ppb .000 21.9

=====

*** Sample ID: D1410-03 Seq: 43 12:37:47 07 Feb 12 HG

Hg 16.8 ppb .000 16.8

=====

*** Sample ID: D1410-04 Seq: 44 12:39:48 07 Feb 12 HG

Hg 33.2 ppb .000 33.2

=====

*** Check Standard: 2 Ck2 Seq: 45 12:42:21 07 Feb 12 HG

Line Flag %Rcv. Found True Units SD/RSD

Hg 108. 5.39 5.00 ppb .000

=====

*** Check Standard: 1 Ck1 Seq: 46 12:44:20 07 Feb 12 HG

Line Flag Found Range(+/-) Units SD/RSD

Hg -.059 .200 ppb .000

=====

*** Sample ID: D1410-05 Seq: 47 12:46:53 07 Feb 12 HG

Hg 37.9 ppb .000 37.9

=====

Protocol: chemtech

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
=====								
***	Sample ID:	D1410-06 <i>2222</i>	<i>A.P.</i>	Seq:	48	12:49:46	07 Feb 12	HG
		<i>02107/12</i>						
Hg	9.33	ppb	.000	9.33				
=====								
***	Sample ID:	D1410-06B <i>2222</i>	<i>A.P.</i>	Seq:	49	12:51:49	07 Feb 12	HG
		<i>02107/12</i>						
Hg	22.9	ppb	.000	22.9				
=====								
***	Sample ID:	D1410-06L <i>2222</i>	<i>A.P.</i>	Seq:	50	12:53:58	07 Feb 12	HG
		<i>02107/12</i>						
Hg	1.64	ppb	.000	1.64				
=====								
***	Sample ID:	D1410-06S		Seq:	51	12:56:20	07 Feb 12	HG
Hg	22.4	ppb	.000	22.4				
=====								
***	Sample ID:	D1410-06SD		Seq:	52	12:58:42	07 Feb 12	HG
Hg	22.1	ppb	.000	22.1				
=====								
***	Sample ID:	D1410-06A <i>2222</i>	<i>A.P.</i>	Seq:	53	13:00:43	07 Feb 12	HG
		<i>02107/12</i>						
Hg	12.7	ppb	.000	12.7				
=====								
***	Sample ID:	D1410-07		Seq:	54	13:02:58	07 Feb 12	HG
Hg	17.2	ppb	.000	17.2				
=====								
***	Check Standard:	2 Ck2		Seq:	57	13:13:08	07 Feb 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		109.	5.43	5.00	ppb	.000		
=====								
***	Check Standard:	1 Ck1		Seq:	58	13:15:36	07 Feb 12	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.030	.200	ppb	.000			
=====								
***	Sample ID:	D1410-08		Seq:	59	13:17:35	07 Feb 12	HG
Hg	17.2	ppb	.000	17.2				
=====								

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: D1410-09								
				Seq: 60	13:19:37	07 Feb 12	HG	
Hg	59.2	ppb	.000	59.2				
*** Sample ID: D1410-10								
				Seq: 61	13:21:37	07 Feb 12	HG	
Hg	50.9	ppb	.000	50.9				
*** Sample ID: D1410-11								
				Seq: 62	13:23:37	07 Feb 12	HG	
Hg	21.8	ppb	.000	21.8				
*** Sample ID: D1410-12								
				Seq: 63	13:25:36	07 Feb 12	HG	
Hg	8.80	ppb	.000	8.80				
*** Sample ID: D1410-13								
				Seq: 64	13:27:56	07 Feb 12	HG	
Hg	11.1	ppb	.000	11.1				
*** Sample ID: D1410-14								
				Seq: 65	13:29:55	07 Feb 12	HG	
Hg	7.57	ppb	.000	7.57				
*** Sample ID: D1410-15								
				Seq: 66	13:31:54	07 Feb 12	HG	
Hg	23.7	ppb	.000	23.7				
*** Check Standard: 2 Ck2								
Line	Flag	%Rcv.	Found	True	Units	Seq: 67	13:34:14	07 Feb 12 HG
Hg	H	110.	5.50	5.00	ppb	SD/RSD		
						.000		
*** Check Standard: 1 Ck1								
Line	Flag	Found	Range(+/-)	Units	Seq: 68	13:36:16	07 Feb 12	HG
Hg		-.032	.200	ppb	SD/RSD			
					.000			
*** Sample ID: D1410-16								
				Seq: 69	13:38:51	07 Feb 12	HG	
Hg	56.2	ppb	.000	56.2				

Protocol: chemtech

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: D1410-17								
				Seq: 70	13:40:53	07 Feb 12	HG	
Hg	6.16	ppb	.000	6.16				
=====								
*** Sample ID: D1417-01								
				Seq: 71	13:42:52	07 Feb 12	HG	
Hg	-.061	ppb	.000	-.061				
=====								
*** Sample ID: D1417-02								
				Seq: 72	13:45:04	07 Feb 12	HG	
Hg	-.020	ppb	.000	-.020				
=====								
*** Sample ID: D1422-01								
				Seq: 73	13:47:49	07 Feb 12	HG	
Hg	8.44	ppb	.000	8.44				
=====								
*** Sample ID: D1410-06 2 run A-P. 02/07/12								
				Seq: 74	13:50:52	07 Feb 12	HG	
Hg	17.6	ppb	.000	17.6				
=====								
*** Sample ID: D1410-06D 2 run A-P. 02/07/12								
				Seq: 75	13:57:13	07 Feb 12	HG	
Hg	17.7	ppb	.000	17.7				
=====								
*** Sample ID: D1410-06								
				Seq: 76	14:01:25	07 Feb 12	HG	
Hg	3.65	ppb	.000	3.65				
=====								
*** Sample ID: D1410-06D								
				Seq: 77	14:08:26	07 Feb 12	HG	
Hg	3.90	ppb	.000	3.90				
=====								
*** Sample ID: D1410-06L								
				Seq: 78	14:14:49	07 Feb 12	HG	
Hg	.738	ppb	.000	.738				
=====								
*** Check Standard: 2 Ck2								
Line	Flag	%Rcv.	Found	True	Units	Seq: 79	14:17:08	07 Feb 12 HG
Hg		107.	5.33	5.00	ppb	SD/RSD		
						.000		

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Check Standard: 1 Ck1								
Line	Flag	Found	Range(+/-)	Units	Seq:	80	14:19:09 07 Feb 12	HG
Hg		-.021	.200	ppb	SD/RSD	.000		
*** Sample ID: D1410-02								
			X5		Seq:	81	14:21:59 07 Feb 12	HG
Hg	5.69	ppb	.000	5.69				
*** Sample ID: D1410-03								
			X5		Seq:	82	14:23:58 07 Feb 12	HG
Hg	4.11	ppb	.000	4.11				
*** Sample ID: D1410-04								
			X10		Seq:	83	14:26:37 07 Feb 12	HG
Hg	4.53	ppb	.000	4.53				
*** Sample ID: D1410-05								
			X10		Seq:	84	14:28:37 07 Feb 12	HG
Hg	3.62	ppb	.000	3.62				
*** Sample ID: D1410-07								
			X5		Seq:	85	14:31:07 07 Feb 12	HG
Hg	3.67	ppb	.000	3.67				
*** Sample ID: D1410-08								
			X5		Seq:	86	14:33:07 07 Feb 12	HG
Hg	3.66	ppb	.000	3.66				
*** Sample ID: D1410-09								
			X10		Seq:	87	14:35:26 07 Feb 12	HG
Hg	4.64	ppb	.000	4.64				
*** Sample ID: D1410-10								
			X10		Seq:	88	14:37:46 07 Feb 12	HG
Hg	5.97	ppb	.000	5.97				
*** Check Standard: 2 Ck2								
Line	Flag	%Rcv.	Found	True	Units	Seq:	89	14:39:58 07 Feb 12
Hg		106.	5.30	5.00	ppb	SD/RSD	.000	HG

Protocol: chemtech

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Check Standard: 1 Ck1								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.045	.200	ppb	.000			
Seq: 90 14:41:55 07 Feb 12 HG								
*** Sample ID: D1410-11								
			X5					
Hg	5.00	ppb	.000	5.00				
Seq: 91 14:43:57 07 Feb 12 HG								
*** Sample ID: D1410-14								
			X2					
Hg	5.91	ppb	.000	5.91				
Seq: 92 14:46:19 07 Feb 12 HG								
*** Sample ID: D1410-15								
			X5					
Hg	4.95	ppb	.000	4.95				
Seq: 93 14:48:20 07 Feb 12 HG								
*** Sample ID: D1410-16								
			X10					
Hg	6.45	ppb	.000	6.45				
Seq: 94 14:51:09 07 Feb 12 HG								
*** Sample ID: D1410-06S								
			X5					
Hg	5.51	ppb	.000	5.51				
Seq: 95 14:53:09 07 Feb 12 HG								
*** Sample ID: D1410-06SD								
			X5					
Hg	5.69	ppb	.000	5.69				
Seq: 96 14:55:08 07 Feb 12 HG								
*** Check Standard: 2 Ck2								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		105.	5.23	5.00	ppb	.000		
Seq: 98 15:07:38 07 Feb 12 HG								
*** Check Standard: 1 Ck1								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.026	.200	ppb	.000			
Seq: 99 15:09:37 07 Feb 12 HG								