

Sample Information File Untitled

Description : As 9/20/01
 Batch ID :
 Volume Units :
 Weight Units :
 Analyst :
 Sample Volume : 1.000
 Nominal Weight : 1.000000

DATE ANALYZED	9/20/01
TIME ANALYZED	9:30
ANALYST INITIALS	Mo
REVIEWED BY	AS

AS Sample ID Loc	Sample Sample Weight Units	User Dilution	Remarks
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1 QCS

2 IPC

3 CB

4 LFB

5 LRB

6 22752 - 91 ✓

7 22752dup

8 22753

9 22754

10 22760

11 22761

12 22762

13 22790 - not out

14 22913

15 22914

16 22915 - 91 ✓

17 22916

18 22917

19 22918

20 22919

21 22974

22 22975

23 22976

24 22977

25 22978

26 22979 - 91 ✓

27 23023 - not out

28 23025

QC Reviewed by,
 C/B (146/2)
 11/7/01

Method Name: AsHGA Element: As
Method Description: AsHga SM 3113 B

Date: 09/20/2001

Technique: Furnace

Wavelength: 193.7 nm

Lamp Current: 0

Sample Info File: Untitled

Calibration Equation: Calc. Intercept: Linear

Slit Width: 0.70 nm

Energy: 57

Results Data Set:

Element: As AS Loc.: 36 Date: 09/20/2001

Sample ID: Calib Blank

μ L dispensed: 10 from 36, 5 from 37, 20 from 36

Repl #	SampleConc μ g/L	StdConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			-0.004	-0.004	0.027	09:54:51	No

Auto-zero performed.

Element: As AS Loc.: 38 Date: 09/20/2001

Sample ID: S10

μ L dispensed: 25 from 36, 5 from 37, 5 from 38

Repl #	SampleConc μ g/L	StdConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.060	0.057	0.023	09:57:28	No

Standard number 1 applied. [10]

Correlation Coefficient: 1.0000

Slope: 0.0060

Element: As AS Loc.: 38 Date: 09/20/2001

Sample ID: S20

μ L dispensed: 20 from 36, 5 from 37, 10 from 38

Repl #	SampleConc μ g/L	StdConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.109	0.105	0.027	10:00:10	No

Standard number 2 applied. [20]

Correlation Coefficient: 0.9980

Slope: 0.0054

Element: As AS Loc.: 38 Date: 09/20/2001

Sample ID: S30

μ L dispensed: 15 from 36, 5 from 37, 15 from 38

Repl #	SampleConc μ g/L	StdConc μ g/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.166	0.163	0.029	10:02:51	No

Standard number 3 applied. [30]

Correlation Coefficient: 0.9992

Slope: 0.0055

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S40
 µL dispensed: 10 from 36, 5 from 37, 20 from 38
 =====

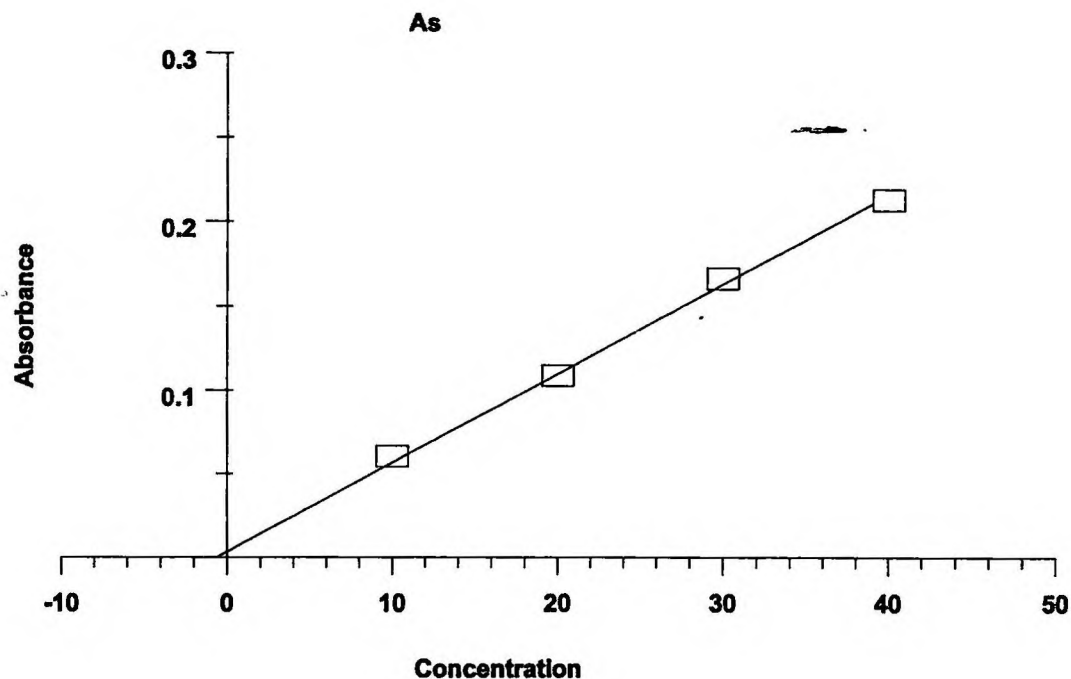
Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.213	0.210	0.034	10:05:34	No

The calibration curve may not be linear.

Standard number 4 applied. [40]

Correlation Coefficient: 0.9992

Slope: 0.0053



 Calibration data for As

Standard ID	Mean Signal (Pk Area)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	-0.614	----	----
S10	0.060	10	10.72	----	----
S20	0.109	20	19.84	----	----
S30	0.166	30	30.61	----	----
S40	0.213	40	39.44	----	----

Correlation Coefficient: 0.99919 Slope: 0.00532 Intercept: 0.003

=====
 Element: As AS Loc.: 1 Date: 09/20/2001
 Sample ID: qcs
 µL dispensed: 10 from 36, 5 from 37, 20 from 1
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	9.373	9.373	0.053	0.050	0.021	10:08:37	No

QC value within specified limits.

=====
 Element: As AS Loc.: 2 Date: 09/20/2001
 Sample ID: ipc
 µL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	19.22	19.22	0.106	0.102	0.026	10:11:14	No

QC value within specified limits.

=====
 Element: As AS Loc.: 3 Date: 09/20/2001
 Sample ID: cb
 µL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.856	-0.856	-0.001	-0.005	0.018	10:13:51	No

=====
 Element: As AS Loc.: 4 Date: 09/20/2001
 Sample ID: lfb
 µL dispensed: 10 from 36, 5 from 37, 20 from 4

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	38.02	38.02	0.206	0.202	0.034	10:16:28	No

QC value within specified limits.

=====
 Element: As AS Loc.: 5 Date: 09/20/2001
 Sample ID: lrb
 µL dispensed: 10 from 36, 5 from 37, 20 from 5

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-1.011	-1.011	-0.002	-0.006	0.018	10:19:06	No

=====
 Element: As AS Loc.: 6 Date: 09/20/2001
 Sample ID: 22752
 µL dispensed: 10 from 36, 5 from 37, 20 from 6

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	1.087	1.087	0.009	0.006	0.013	10:21:45	No

=====
 Element: As AS Loc.: 6 Date: 09/20/2001
 Sample ID: 22752
 µL dispensed: 5 from 37, 10 from 38, 20 from 6

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	20.52	20.52	0.113	0.109	0.023	10:24:22	No

Recovery is 97.2%

=====
Element: As AS Loc.: 7 Date: 09/20/2001
Sample ID: 22752dup
µL dispensed: 10 from 36, 5 from 37, 20 from 7
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.524	0.524	0.006	0.003	0.014	10:27:02	No

=====
Element: As AS Loc.: 8 Date: 09/20/2001
Sample ID: 22753
µL dispensed: 10 from 36, 5 from 37, 20 from 8
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.258	0.258	0.005	0.001	0.018	10:29:43	No

=====
Element: As AS Loc.: 9 Date: 09/20/2001
Sample ID: 22754
µL dispensed: 10 from 36, 5 from 37, 20 from 9
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.330	0.330	0.005	0.002	0.016	10:32:26	No

=====
Element: As AS Loc.: 10 Date: 09/20/2001
Sample ID: 22760
µL dispensed: 10 from 36, 5 from 37, 20 from 10
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.335	-0.335	0.001	-0.002	0.017	10:35:09	No

=====
Element: As AS Loc.: 11 Date: 09/20/2001
Sample ID: 22761
µL dispensed: 10 from 36, 5 from 37, 20 from 11
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.242	-0.242	0.002	-0.002	0.016	10:37:55	No

=====
Element: As AS Loc.: 12 Date: 09/20/2001
Sample ID: 22762
µL dispensed: 10 from 36, 5 from 37, 20 from 12
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.014	-0.014	0.003	0.000	0.014	10:40:40	No

=====
 Element: As AS Loc.: 13 Date: 09/20/2001
 Sample ID: 22790
 µL dispensed: 10 from 36, 5 from 37, 20 from 13

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.132	0.132	0.004	0.000	0.025	10:43:25	No

=====
 Element: As AS Loc.: 14 Date: 09/20/2001
 Sample ID: 22913
 µL dispensed: 10 from 36, 5 from 37, 20 from 14

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.574	0.574	0.006	0.003	0.018	10:46:10	No

=====
 Element: As AS Loc.: 2 Date: 09/20/2001
 Sample ID: ipc
 µL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	19.97	19.97	0.110	0.106	0.022	10:48:51	No

QC value within specified limits.

=====
 Element: As AS Loc.: 3 Date: 09/20/2001
 Sample ID: cb
 µL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.206	0.206	0.004	0.001	0.013	10:51:28	No

=====
 Element: As AS Loc.: 15 Date: 09/20/2001
 Sample ID: 22914
 µL dispensed: 10 from 36, 5 from 37, 20 from 15

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.113	0.113	0.004	0.000	0.016	10:54:10	No

=====
 Element: As AS Loc.: 16 Date: 09/20/2001
 Sample ID: 22915
 µL dispensed: 10 from 36, 5 from 37, 20 from 16

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.107	-0.107	0.003	-0.001	0.016	10:56:54	No

=====
Element: As AS Loc.: 16 Date: 09/20/2001
Sample ID: 22915
µL dispensed: 5 from 37, 10 from 38, 20 from 16

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	18.61	18.61	0.102	0.099	0.024	10:59:37	No

Recovery is 93.1%

=====
Element: As AS Loc.: 17 Date: 09/20/2001
Sample ID: 22916
µL dispensed: 10 from 36, 5 from 37, 20 from 17

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.748	0.748	0.007	0.004	0.018	11:02:20	No

=====
Element: As AS Loc.: 18 Date: 09/20/2001
Sample ID: 22917
µL dispensed: 10 from 36, 5 from 37, 20 from 18

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.044	-0.044	0.003	0.000	0.017	11:05:01	No

=====
Element: As AS Loc.: 19 Date: 09/20/2001
Sample ID: 22918
µL dispensed: 10 from 36, 5 from 37, 20 from 19

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.188	0.180	0.004	0.001	0.017	11:07:40	No

=====
Element: As AS Loc.: 20 Date: 09/20/2001
Sample ID: 22919
µL dispensed: 10 from 36, 5 from 37, 20 from 20

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.057	-0.057	0.003	-0.001	0.021	11:10:19	No

=====
Element: As AS Loc.: 21 Date: 09/20/2001
Sample ID: 22974
µL dispensed: 10 from 36, 5 from 37, 20 from 21

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.381	0.381	0.005	0.002	0.016	11:12:56	No

=====
 Element: As AS Loc.: 22 Date: 09/20/2001
 Sample ID: 22975
 µL dispensed: 10 from 36, 5 from 37, 20 from 22

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.789	0.789	0.007	0.004	0.015	11:15:32	No

=====
 Element: As AS Loc.: 23 Date: 09/20/2001
 Sample ID: 22976
 µL dispensed: 10 from 36, 5 from 37, 20 from 23

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.421	-0.421	0.001	-0.002	0.022	11:18:09	No

=====
 Element: As AS Loc.: 2 Date: 09/20/2001
 Sample ID: ipc
 µL dispensed: 10 from 36, 5 from 37, 20 from 2

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	19.83	19.83	0.109	0.105	0.024	11:20:48	No

QC value within specified limits.

=====
 Element: As AS Loc.: 3 Date: 09/20/2001
 Sample ID: cb
 µL dispensed: 10 from 36, 5 from 37, 20 from 3

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.328	0.328	0.005	0.001	0.014	11:23:26	No

=====
 Element: As AS Loc.: 24 Date: 09/20/2001
 Sample ID: 22977
 µL dispensed: 10 from 36, 5 from 37, 20 from 24

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.008	-0.008	0.003	0.000	0.019	11:26:04	No

=====
 Element: As AS Loc.: 25 Date: 09/20/2001
 Sample ID: 22978
 µL dispensed: 10 from 36, 5 from 37, 20 from 25

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.305	0.305	0.005	0.001	0.016	11:28:43	No

=====
 Element: As AS Loc.: 26 Date: 09/20/2001
 Sample ID: 22979
 µL dispensed: 10 from 36, 5 from 37, 20 from 26
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.551	0.551	0.006	0.003	0.018	11:31:24	No

=====
 Element: As AS Loc.: 26 Date: 09/20/2001
 Sample ID: 22979
 µL dispensed: 5 from 37, 10 from 38, 20 from 26
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	19.19	19.19	0.105	0.102	0.026	11:34:00	No

Recovery is 93.2%

=====
 Element: As AS Loc.: 27 Date: 09/20/2001
 Sample ID: 23023
 µL dispensed: 10 from 36, 5 from 37, 20 from 27
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	-0.095	-0.095	0.003	-0.001	0.022	11:36:44	No

=====
 Element: As AS Loc.: 28 Date: 09/20/2001
 Sample ID: 23025
 µL dispensed: 10 from 36, 5 from 37, 20 from 28
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.294	0.294	0.005	0.001	0.020	11:39:29	No

=====
 Element: As AS Loc.: 2 Date: 09/20/2001
 Sample ID: ipc
 µL dispensed: 10 from 36, 5 from 37, 20 from 2
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	19.65	19.65	0.108	0.104	0.024	11:42:12	No

QC value within specified limits.

=====
 Element: As AS Loc.: 3 Date: 09/20/2001
 Sample ID: cb
 µL dispensed: 10 from 36, 5 from 37, 20 from 3
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1	0.248	0.248	0.005	0.001	0.013	11:44:49	No

The calibration curve has been edited.

=====
Element: As AS Loc.: 29 Date: 09/20/2001

Sample ID: 21654

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area Stored
1 85.19 4.259 0.002 0.001 0.017 12:05:48 No
Correlation Coefficient: 0.9847 Slope: 0.0033
[As] Sample Concentration 4.081 µg/L
[As] Sample Concentration 81.62 µg/L

=====
Element: As AS Loc.: 36 Date: 09/20/2001

Sample ID: Calib Blank

µL dispensed: 20 from 36, 5 from 37, 20 from 36

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area Stored
1 -0.003 -0.004 0.019 12:08:53 No
Auto-zero performed.

=====
Element: As AS Loc.: 29 Date: 09/20/2001

Sample ID: 21654

µL dispensed: 20 from 36, 5 from 37, 20 from 29

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area Stored
1 0.020 0.016 0.151 12:11:32 No

=====
Element: As AS Loc.: 38 Date: 09/20/2001

Sample ID: S10

µL dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 29

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area Stored
1 0.060 0.056 0.162 12:14:22 No
Addition number 1 applied. [10]
Correlation Coefficient: 1.0000 Slope: 0.0040

=====
Element: As AS Loc.: 38 Date: 09/20/2001

Sample ID: S20

µL dispensed: 10 from 36, 5 from 37, 10 from 38, 20 from 29

Repl SampleConc StndConc BlnkCorr Peak Bkgnd Time Peak
µg/L µg/L Signal Area Area Stored
1 0.091 0.087 0.167 12:17:12 No
Addition number 2 applied. [20]
Correlation Coefficient: 0.9968 Slope: 0.0035

=====

Element: As AS Loc.: 38 Date: 09/20/2001

Sample ID: S30

µL dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 29

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.116	0.112	0.160	12:20:02	No

Addition number 3 applied. [30]

Correlation Coefficient: 0.9945

Slope: 0.0032

=====

Element: As AS Loc.: 38 Date: 09/20/2001

Sample ID: S40

µL dispensed: 5 from 37, 20 from 38, 20 from 29

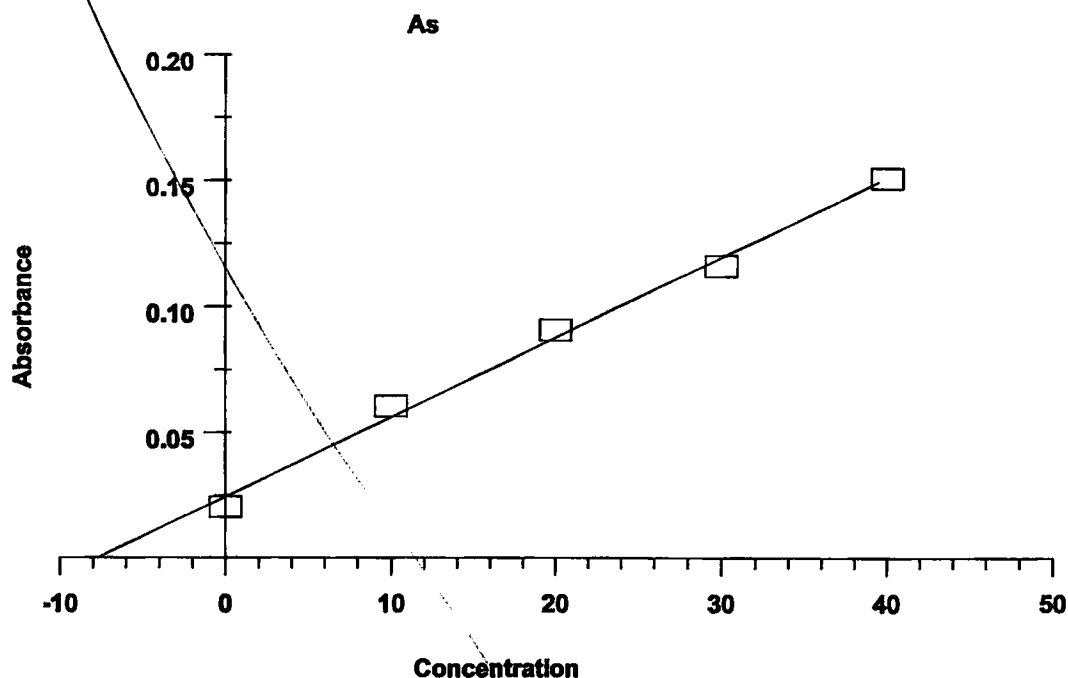
Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.151	0.147	0.174	12:22:43	No

The calibration curve may not be linear.

Addition number 4 applied. [40]

Correlation Coefficient: 0.9972

Slope: 0.0032



Calibration data for As

Standard ID	Mean Signal (Pk Area)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	-6.411	----	----
S10	0.060	10	12.66	----	----
S20	0.091	20	22.22	----	----
S30	0.116	30	30.22	----	----
S40	0.151	40	41.22	----	----

Correlation Coefficient: 0.99723 Slope: 0.00317 Intercept: 0.024

[As] Sample Concentration 7.676 µg/L

[As] Sample Concentration 153.5 µg/L

=====
 Element: As AS Loc.: 36 Date: 09/20/2001
 Sample ID: Calib Blank
 µL dispensed: 20 from 36, 5 from 37, 20 from 36
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.001	-0.003	0.026	12:26:53	No

Auto-zero performed.

=====
 Element: As AS Loc.: 30 Date: 09/20/2001
 Sample ID: 21660
 µL dispensed: 20 from 36, 5 from 37, 20 from 30
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.007	0.004	0.017	12:29:34	No

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S10
 µL dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 30
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.060	0.057	0.023	12:32:24	No

Addition number 1 applied. [10]
 Correlation Coefficient: 1.0000 Slope: 0.0053

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S20
 µL dispensed: 10 from 36, 5 from 37, 10 from 38, 20 from 30
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.104	0.100	0.034	12:35:13	No

Addition number 2 applied. [20]
 Correlation Coefficient: 0.9984 Slope: 0.0048

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S30
 µL dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 30
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.142	0.139	0.044	12:38:02	No

Addition number 3 applied. [30]
 Correlation Coefficient: 0.9973 Slope: 0.0045

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S40
 µL dispensed: 5 from 37, 20 from 38, 20 from 30
 =====

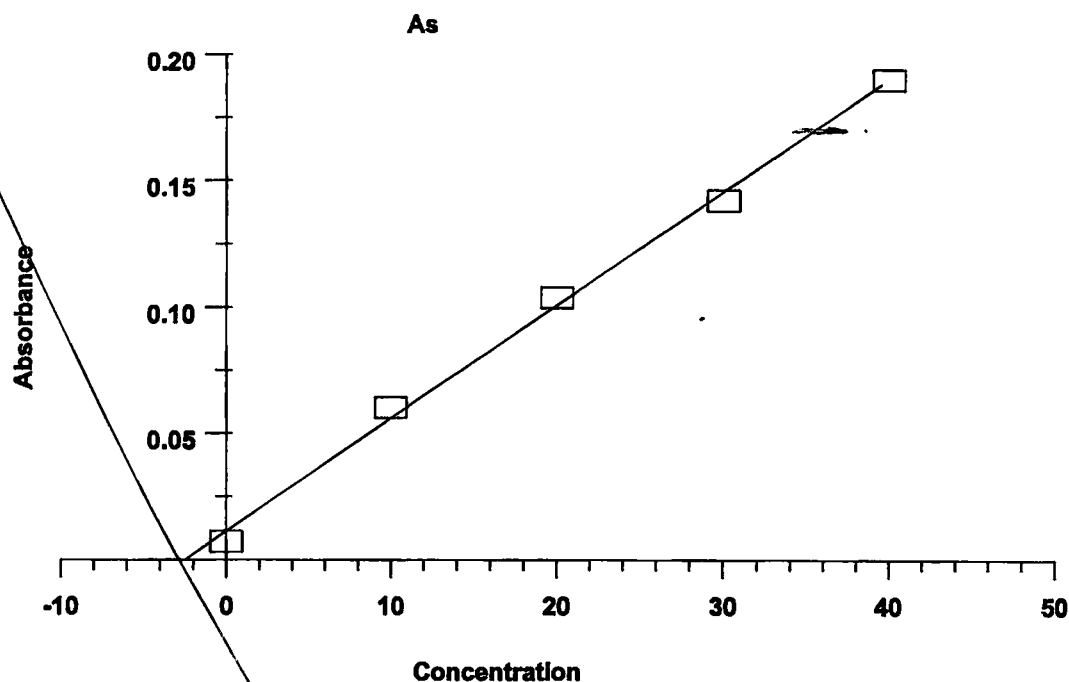
Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.190	0.187	0.036	12:40:45	No

The calibration curve may not be linear.

Addition number 4 applied. [40]

Correlation Coefficient: 0.9986

Slope: 0.0045



 Calibration data for As

Standard ID	Mean Signal (Pk Area)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.000	---	-1.615	----	----
S10	0.060	10	11.86	----	----
S20	0.104	20	21.59	----	----
S30	0.142	30	30.16	----	----
S40	0.190	40	40.85	----	----

Correlation Coefficient: 0.99862 Slope: 0.00447 Intercept: 0.011

 [As] Sample Concentration 2.507 µg/L
 [As] Sample Concentration 12.54 µg/L

=====
 Element: As AS Loc.: 36 Date: 09/20/2001
 Sample ID: Calib Blank
 µL dispensed: 20 from 36, 5 from 37, 20 from 36
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.002	-0.002	0.015	12:48:05	No

Auto-zero performed.

=====
 Element: As AS Loc.: 31 Date: 09/20/2001
 Sample ID: 21661
 µL dispensed: 20 from 36, 5 from 37, 20 from 31
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.003	0.001	0.018	12:50:47	No

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S10
 µL dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 31
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.055	0.054	0.027	12:53:37	No

Addition number 1 applied. [10]

Correlation Coefficient: 1.0000

Slope: 0.0052

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S20
 µL dispensed: 10 from 36, 5 from 37, 10 from 38, 20 from 31
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.107	0.105	0.030	12:56:27	No

Addition number 2 applied. [20]

Correlation Coefficient: 1.0000

Slope: 0.0052

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S30
 µL dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 31
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.157	0.155	0.033	12:59:16	No

Addition number 3 applied. [30]

Correlation Coefficient: 0.9999

Slope: 0.0051

21661(1) <

=====
 Element: As AS Loc.: 36 Date: 09/20/2001
 Sample ID: Calib Blank
 µL dispensed: 20 from 36, 5 from 37, 20 from 36
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			-0.002	-0.004	0.018	13:02:19	No

Auto-zero performed.

=====
 Element: As AS Loc.: 32 Date: 09/20/2001
 Sample ID: 21662
 µL dispensed: 20 from 36, 5 from 37, 20 from 32
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.014	0.010	0.075	13:04:59	No

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S10
 µL dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 32
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.055	0.051	0.077	13:07:49	No

Addition number 1 applied. [10]
 Correlation Coefficient: 1.0000 Slope: 0.0041

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S20
 µL dispensed: 10 from 36, 5 from 37, 10 from 38, 20 from 32
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.090	0.086	0.084	13:10:39	No

Addition number 2 applied. [20]
 Correlation Coefficient: 0.9990 Slope: 0.0038

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S30
 µL dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 32
 =====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.125	0.121	0.080	13:13:28	No

Addition number 3 applied. [30]
 Correlation Coefficient: 0.9991 Slope: 0.0037

=====
 Element: As AS Loc.: 36 Date: 09/20/2001

Sample ID: Calib Blank

μL dispensed: 20 from 36, 5 from 37, 20 from 36

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.006	0.002	0.012	13:16:19	No

Auto-zero performed.

=====
 Element: As AS Loc.: 33 Date: 09/20/2001

Sample ID: 21663

μL dispensed: 20 from 36, 5 from 37, 20 from 33

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			-0.004	-0.002	0.022	13:18:59	No

=====
 Element: As AS Loc.: 38 Date: 09/20/2001

Sample ID: S10

μL dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 33

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.042	0.044	0.027	13:21:48	No

Addition number 1 applied. [10]

Correlation Coefficient: 1.0000

Slope: 0.0042

=====
 Element: As AS Loc.: 38 Date: 09/20/2001

Sample ID: S20

μL dispensed: 10 from 36, 5 from 37, 10 from 38, 20 from 33

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.077	0.079	0.028	13:24:38	No

Addition number 2 applied. [20]

Correlation Coefficient: 0.9988

Slope: 0.0038

=====
 Element: As AS Loc.: 38 Date: 09/20/2001

Sample ID: S30

μL dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 33

Repl #	SampleConc μg/L	StndConc μg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.111	0.113	0.032	13:27:28	No

Addition number 3 applied. [30]

Correlation Coefficient: 0.9989

Slope: 0.0037

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S40
 µL dispensed: 5 from 37, 20 from 38, 20 from 33
 =====

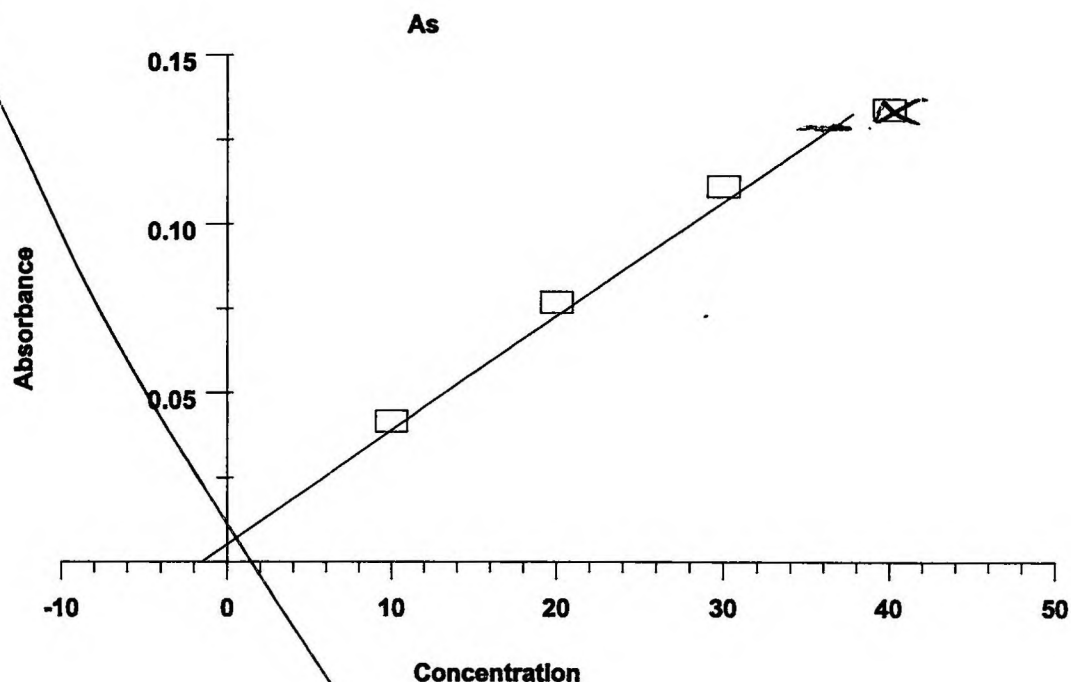
Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.134	0.136	0.032	13:30:12	No

The calibration curve may not be linear.

Addition number 4 applied. [40]

Correlation Coefficient: 0.9951

Slope: 0.0034



 Calibration data for As

Standard ID	Mean Signal (Pk Area)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	1.170	----	----
S10	0.042	10	13.50	----	----
S20	0.077	20	23.93	----	----
S30	0.111	30	34.10	----	----
S40	0.134	40	40.87	----	----
Correlation Coefficient: 0.99514 Slope: 0.00338 Intercept: 0.005					

 [As] Sample Concentration 0.375 µg/L

[As] Sample Concentration 3.753 µg/L

$r = .9989$
 $2(663(1.10)) <$

The calibration curve has been edited.

=====
 Element: As AS Loc.: 36 Date: 09/20/2001
 Sample ID: Calib Blank
 µL dispensed: 20 from 36, 5 from 37, 20 from 36

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			-0.005	-0.003	0.019	14:21:44	No

Auto-zero performed.

=====
 Element: As AS Loc.: 34 Date: 09/20/2001
 Sample ID: 21786
 µL dispensed: 20 from 36, 5 from 37, 20 from 34

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.004	0.001	0.025	14:24:22	No

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S10
 µL dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 34

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.048	0.046	0.043	14:27:12	No

Addition number 1 applied. [10]
 Correlation Coefficient: 1.0000 Slope: 0.0045

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S20
 µL dispensed: 10 from 36, 5 from 37, 10 from 38, 20 from 34

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.090	0.087	0.033	14:30:01	No

Addition number 2 applied. [20]
 Correlation Coefficient: 0.9997 Slope: 0.0043

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S30
 µL dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 34

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.126	0.123	0.063	14:32:51	No

Addition number 3 applied. [30]
 Correlation Coefficient: 0.9989 Slope: 0.0041

=====

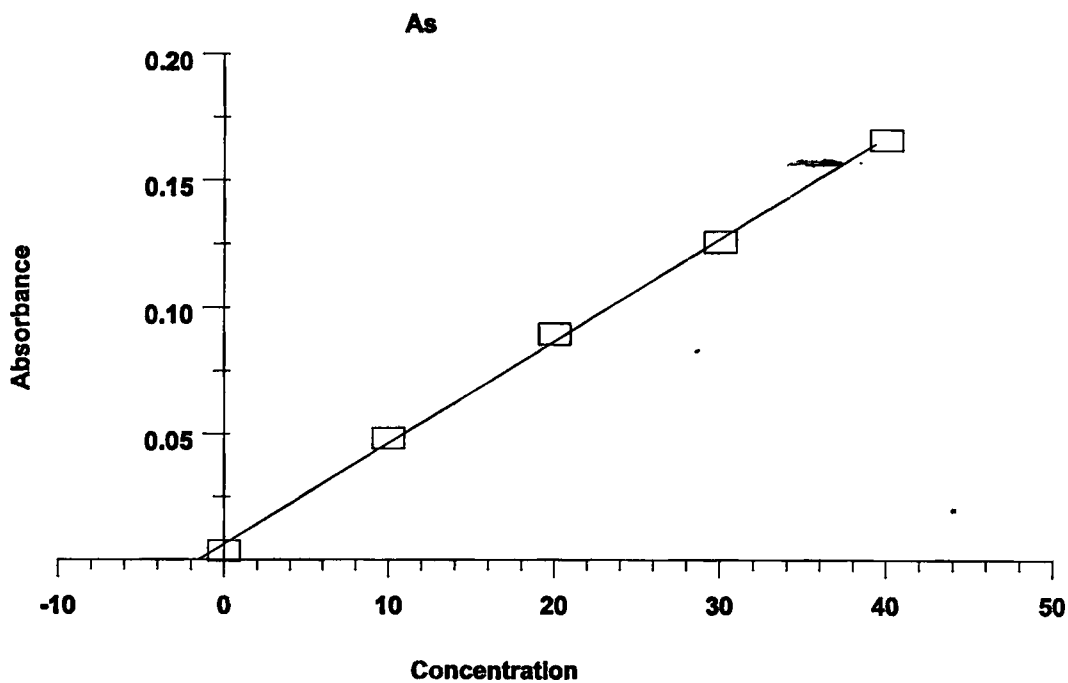
Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S40
 µL dispensed: 5 from 37, 20 from 38, 20 from 34

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.166	0.163	0.032	14:35:35	No

Addition number 4 applied. [40]

Correlation Coefficient: 0.9993

Slope: 0.0040



Calibration data for As

Standard ID	Mean Signal (Pk Area)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	-0.870	----	----
S10	0.048	10	11.15	----	----
S20	0.090	20	21.37	----	----
S30	0.126	30	30.37	----	----
S40	0.166	40	40.39	----	----

Correlation Coefficient: 0.99933 Slope: 0.00403 Intercept: 0.006

[As] Sample Concentration 1.527 µg/L

=====
Element: As AS Loc.: 36 Date: 09/20/2001
Sample ID: Calib Blank
µL dispensed: 20 from 36, 5 from 37, 20 from 36
=====

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1			0.001	-0.002	0.018	14:38:36	No

Auto-zero performed.

=====
Element: As AS Loc.: 35 Date: 09/20/2001
Sample ID: 21791
µL dispensed: 20 from 36, 5 from 37, 20 from 35
=====

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1			0.001	-0.001	0.034	14:41:15	No

=====
Element: As AS Loc.: 38 Date: 09/20/2001
Sample ID: S10
µL dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 35
=====

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1			0.030	0.028	0.096	14:44:03	No

Addition number 1 applied. [10]
Correlation Coefficient: 1.0000 Slope: 0.0029

=====
Element: As AS Loc.: 38 Date: 09/20/2001
Sample ID: S20
µL dispensed: 10 from 36, 5 from 37, 10 from 38, 20 from 35
=====

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1			0.049	0.047	0.045	14:46:52	No

Addition number 2 applied. [20]
Correlation Coefficient: 0.9921 Slope: 0.0024

=====
Element: As AS Loc.: 38 Date: 09/20/2001
Sample ID: S30
µL dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 35
=====

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	µg/L	µg/L	Signal	Area	Area		Stored
1			0.068	0.066	0.052	14:49:39	No

Addition number 3 applied. [30]
Correlation Coefficient: 0.9938 Slope: 0.0022

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S40
 µL dispensed: 5 from 37, 20 from 38, 20 from 35
 =====

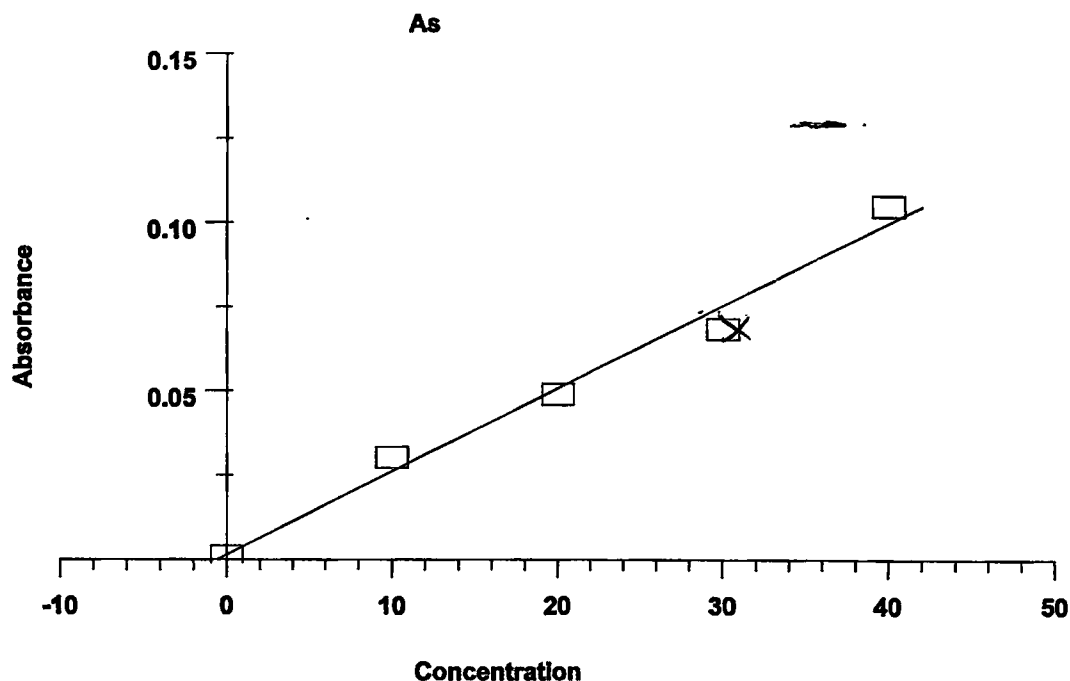
Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.105	0.103	0.079	14:52:23	No

The calibration curve may not be linear.

Addition number 4 applied. [40]

Correlation Coefficient: 0.9923

Slope: 0.0025



 Calibration data for As

Standard ID	Mean Signal (Pk Area)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	-0.382	----	----
S10	0.030	10	11.90	----	----
S20	0.049	20	19.52	----	----
S30	0.068	30	27.39	----	----
S40	0.105	40	42.25	----	----

Correlation Coefficient: 0.99234 Slope: 0.00246 Intercept: 0.001

 [As] Sample Concentration 0.594 µg/L

0.1791 < ; 0.9978

8

The calibration curve has been edited.

=====
 Element: As AS Loc.: 36 Date: 09/20/2001
 Sample ID: Calib Blank
 µL dispensed: 20 from 36, 5 from 37, 20 from 36

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.004	0.002	0.022	14:56:14	No

Auto-zero performed.

=====
 Element: As AS Loc.: 39 Date: 09/20/2001
 Sample ID: 21796
 µL dispensed: 20 from 36, 5 from 37, 20 from 39

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			-0.001	0.000	0.041	14:58:54	No

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S10
 µL dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 39

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.044	0.045	0.078	15:01:44	No

Addition number 1 applied. [10]

Correlation Coefficient: 1.0000

Slope: 0.0044

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S20
 µL dispensed: 10 from 36, 5 from 37, 10 from 38, 20 from 39

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.040	0.042	0.405	15:04:33	No

No calibration because standard abs. and conc. values are not in the same order.

Addition number 2 not applied. [-----]

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S30
 µL dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 39

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.106	0.108	0.233	15:07:22	No

Addition number 3 applied. [30]

Correlation Coefficient: 0.9961

Slope: 0.0035

=====

Element: As AS Loc.: 38 Date: 09/20/2001

Sample ID: S40

µL dispensed: 5 from 37, 20 from 38, 20 from 39

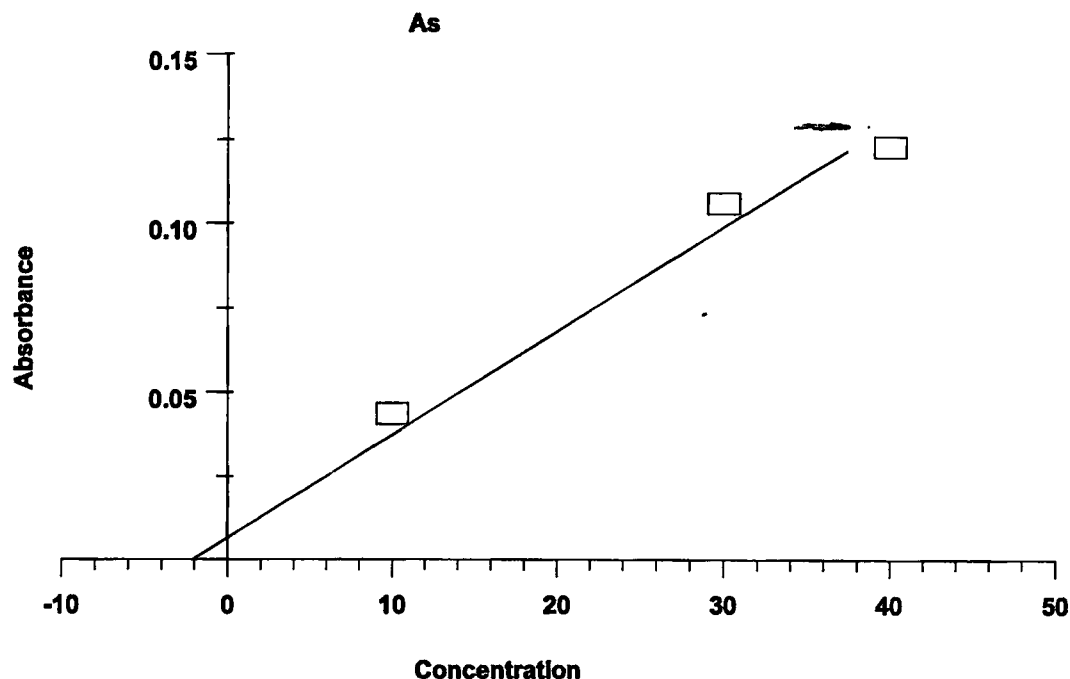
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.123	0.125	0.282	15:10:04	No

The calibration curve may not be linear.

Addition number 4 applied. [40]

Correlation Coefficient: 0.9908

Slope: 0.0031



Calibration data for As

Standard ID	Mean Signal (Pk Area)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	0.479	----	----
S10	0.044	10	14.62	----	----
S30	0.106	30	34.86	----	----
S40	0.123	40	40.36	----	----

Correlation Coefficient: 0.99079 Slope: 0.00308 Intercept: 0.006

[As] Sample Concentration 1.622 µg/L

=====
Element: As AS Loc.: 36 Date: 09/20/2001
Sample ID: Calib Blank
 μ L dispensed: 20 from 36, 5 from 37, 20 from 36

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1			-0.005	-0.003	0.110	15:27:52	No

Auto-zero performed.

=====
Element: As AS Loc.: 39 Date: 09/20/2001
Sample ID: 21798
 μ L dispensed: 20 from 36, 5 from 37, 20 from 39

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1			0.000	-0.003	0.055	15:30:32	No

=====
Element: As AS Loc.: 38 Date: 09/20/2001
Sample ID: S10
 μ L dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 39

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1			0.053	0.050	0.050	15:33:21	No

Addition number 1 applied. [10]

Correlation Coefficient: 1.0000

Slope: 0.0053

=====
Element: As AS Loc.: 38 Date: 09/20/2001
Sample ID: S20
 μ L dispensed: 10 from 36, 5 from 37, 10 from 38, 20 from 39

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1			0.100	0.098	0.050	15:36:11	No

Addition number 2 applied. [20]

Correlation Coefficient: 0.9995

Slope: 0.0050

=====
Element: As AS Loc.: 38 Date: 09/20/2001
Sample ID: S30
 μ L dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 39

Repl	SampleConc	StndConc	BlkCorr	Peak	Bkgnd	Time	Peak
#	μ g/L	μ g/L	Signal	Area	Area		Stored
1			0.142	0.139	0.047	15:39:00	No

Addition number 3 applied. [30]

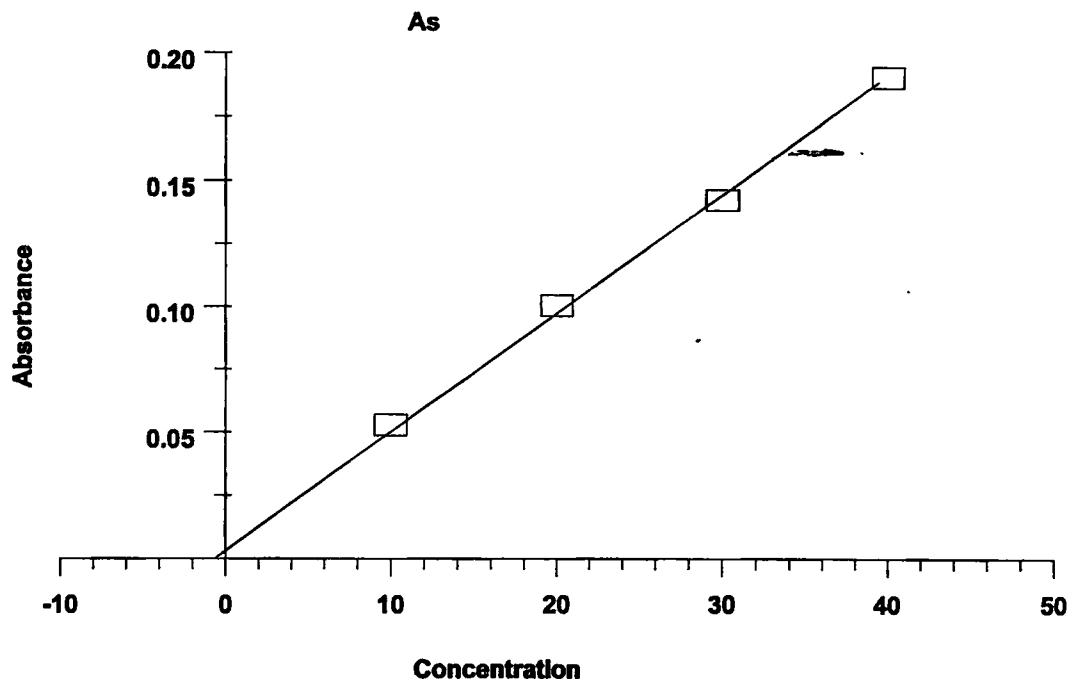
Correlation Coefficient: 0.9987

Slope: 0.0047

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S40
 µL dispensed: 5 from 37, 20 from 38, 20 from 39
 =====

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.190	0.188	0.050	15:41:42	No

Addition number 4 applied. [40]
 Correlation Coefficient: 0.9993 Slope: 0.0047



Calibration data for As

Standard ID	Mean Signal (Pk Area)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	0.103	----	----
S10	0.053	10	11.33	----	----
S20	0.100	20	21.44	----	----
S30	0.142	30	30.36	----	----
S40	0.190	40	40.59	----	----

Correlation Coefficient: 0.99930 Slope: 0.00470 Intercept: 0.003

 [As] Sample Concentration 0.558 µg/L
 [As] Sample Concentration 2.792 µg/L

=====
Element: As AS Loc.: 36 Date: 09/20/2001
Sample ID: Calib Blank
µL dispensed: 20 from 36, 5 from 37, 20 from 36
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			-0.001	-0.004	0.030	15:44:58	No

Auto-zero performed.

=====
Element: As AS Loc.: 40 Date: 09/20/2001
Sample ID: 21801
µL dispensed: 20 from 36, 5 from 37, 20 from 40
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.003	-0.001	0.045	15:47:38	No

=====
Element: As AS Loc.: 38 Date: 09/20/2001
Sample ID: S10
µL dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 40
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.053	0.049	0.070	15:50:28	No

Addition number 1 applied. [10]

Correlation Coefficient: 1.0000

Slope: 0.0050

=====
Element: As AS Loc.: 38 Date: 09/20/2001
Sample ID: S20
µL dispensed: 10 from 36, 5 from 37, 10 from 38, 20 from 40
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.092	0.088	0.067	15:53:16	No

Addition number 2 applied. [20]

Correlation Coefficient: 0.9975

Slope: 0.0045

=====
Element: As AS Loc.: 38 Date: 09/20/2001
Sample ID: S30
µL dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 40
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.128	0.124	0.075	15:56:06	No

Addition number 3 applied. [30]

Correlation Coefficient: 0.9969

Slope: 0.0041

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S40
 µL dispensed: 5 from 37, 20 from 38, 20 from 40
 =====

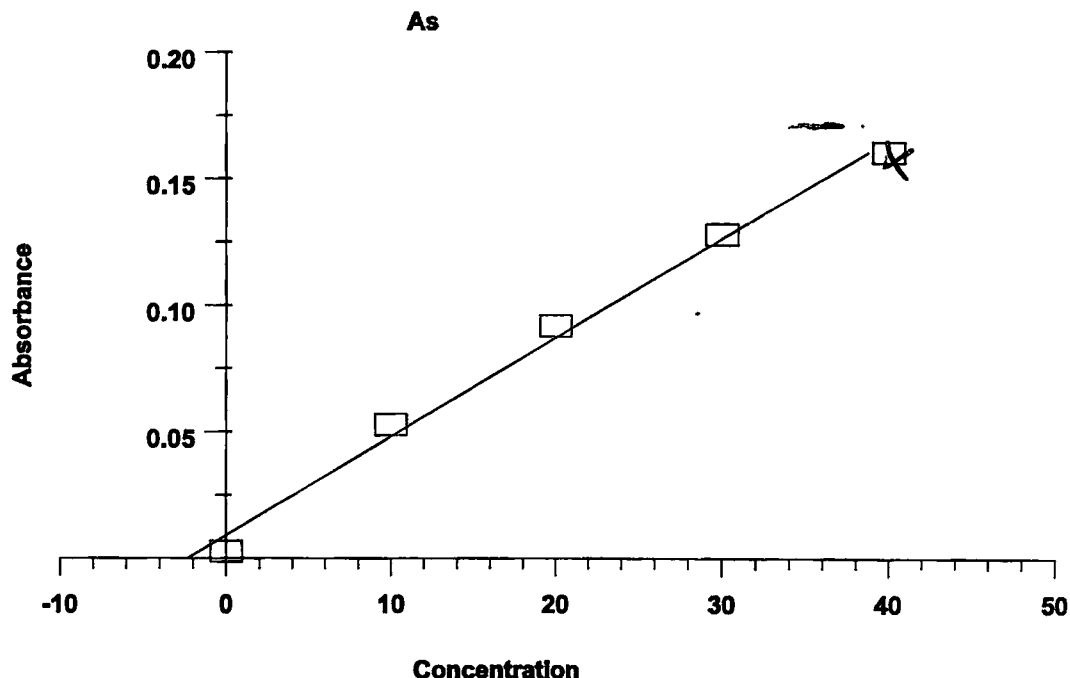
Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.161	0.157	0.083	15:58:50	No

The calibration curve may not be linear.

Addition number 4 applied. [40]

Correlation Coefficient: 0.9964

Slope: 0.0039



 Calibration data for As

Standard ID	Mean Signal (Pk Area)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	-0.694	----	----
S10	0.053	10	12.83	----	----
S20	0.092	20	22.84	----	----
S30	0.128	30	32.05	----	----
S40	0.161	40	40.39	----	----

Correlation Coefficient: 0.99639 Slope: 0.00391 Intercept: 0.009

 [As] Sample Concentration 2.314 µg/L

$r = .9970$
 $2.1801 <$

The calibration curve has been edited.

=====
 Element: As AS Loc.: 36 Date: 09/20/2001
 Sample ID: Calib Blank
 µL dispensed: 20 from 36, 5 from 37, 20 from 36

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.000	-0.004	0.031	16:03:18	No

Auto-zero performed.

=====
 Element: As AS Loc.: 40 Date: 09/20/2001
 Sample ID: 22292
 µL dispensed: 20 from 36, 5 from 37, 20 from 40

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.006	0.003	0.044	16:05:58	No

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S10
 µL dispensed: 15 from 36, 5 from 37, 5 from 38, 20 from 40

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.049	0.046	0.059	16:08:48	No

Addition number 1 applied. [10]

Correlation Coefficient: 1.0000

Slope: 0.0043

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S20
 µL dispensed: 10 from 36, 5 from 37, 10 from 38, 20 from 40

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.088	0.084	0.066	16:11:38	No

Addition number 2 applied. [20]

Correlation Coefficient: 0.9995

Slope: 0.0041

=====
 Element: As AS Loc.: 38 Date: 09/20/2001
 Sample ID: S30
 µL dispensed: 5 from 36, 5 from 37, 15 from 38, 20 from 40

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.125	0.122	0.063	16:14:27	No

Addition number 3 applied. [30]

Correlation Coefficient: 0.9995

Slope: 0.0040

=====

Element: As AS Loc.: 38 Date: 09/20/2001

Sample ID: S40

µL dispensed: 5 from 37, 20 from 38, 20 from 40

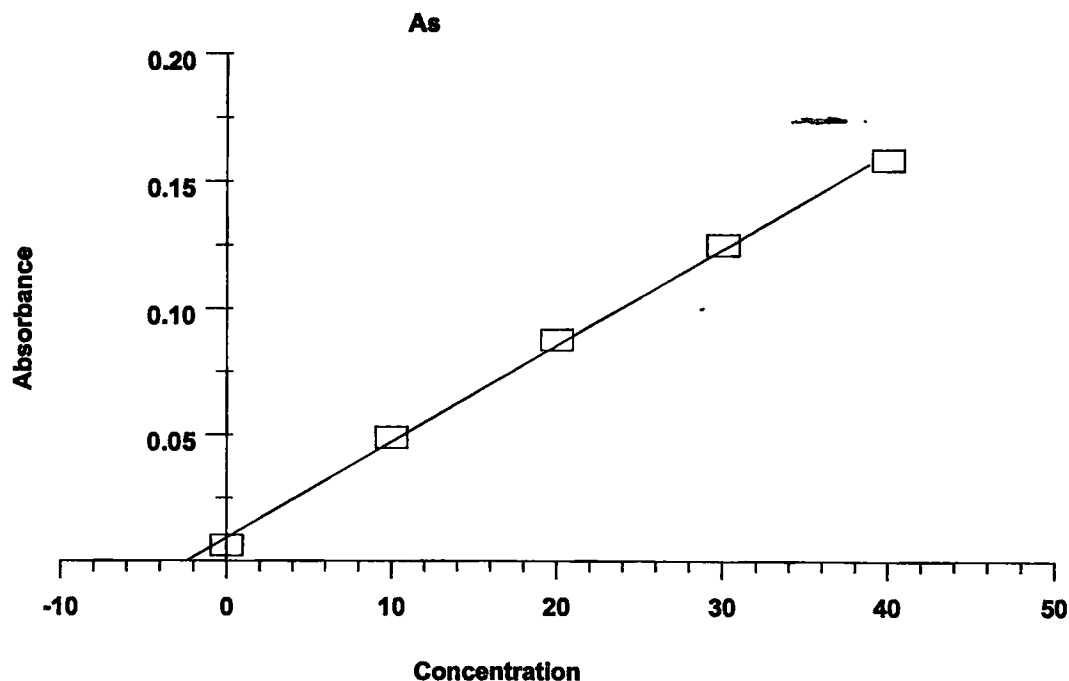
Repl #	SampleConc µg/L	StdConc µg/L	BlnkCorr Signal	Peak Area	Bkgnd Area	Time	Peak Stored
1			0.159	0.155	0.072	16:17:12	No

The calibration curve may not be linear.

Addition number 4 applied. [40]

Correlation Coefficient: 0.9990

Slope: 0.0038



Calibration data for As

Standard ID	Mean Signal (Pk Area)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.000	----	-1.622	----	----
S10	0.049	10	11.24	----	----
S20	0.088	20	21.35	----	----
S30	0.125	30	31.21	----	----
S40	0.159	40	40.01	----	----

Correlation Coefficient: 0.99904 Slope: 0.00381 Intercept: 0.009

[As] Sample Concentration 2.385 µg/L