

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB92320

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2252
IODINE SOLUTION .025N 1L	W2261
Starch Solution, 4L	W2121

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB105255BL		1	5.02	50	2.00	0.00	1.78	1.78	0.22	0.00	0.00	12/21/2017	13:42
2	I6683-08		1	5.02	50	2.00	0.00	1.74	1.74	0.26	0.04	3.19	12/21/2017	13:48
3	I6683-08DUP		1	5.05	50	2.00	1.74	3.46	1.72	0.28	0.06	4.75	12/21/2017	13:54
4	I6683-10		1	5.03	50	2.00	0.00	1.62	1.62	0.38	0.16	12.72	12/21/2017	14:01
5	I6683-12		1	5.02	50	2.00	1.62	3.30	1.68	0.32	0.10	7.97	12/21/2017	14:08
6	I6827-18		1	5.06	50	2.00	3.30	4.76	1.46	0.54	0.32	25.30	12/21/2017	14:15
7	I6835-03		1	5.01	50	2.00	4.76	6.28	1.52	0.48	0.26	20.76	12/21/2017	14:21
8	I6836-03		1	5.00	50	2.00	0.00	1.54	1.54	0.46	0.24	19.20	12/21/2017	14:28
9	I6837-03		1	5.02	50	2.00	1.54	3.02	1.48	0.52	0.30	23.90	12/21/2017	14:35
10	I6838-03		1	5.01	50	2.00	3.02	4.50	1.48	0.52	0.30	23.95	12/21/2017	14:42
11	I6839-03		1	5.03	50	2.00	4.50	6.00	1.50	0.50	0.28	22.27	12/21/2017	14:49
12	I6840-03		1	5.01	50	2.00	6.00	7.42	1.42	0.58	0.36	28.74	12/21/2017	14:55

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume

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Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
13	I6841-03		1	5.02	50	2.00	7.42	8.74	1.32	0.68	0.46	36.65	12/21/2017	15:02
14	I6842-03		1	5.04	50	2.00	0.00	1.48	1.48	0.52	0.30	23.81	12/21/2017	15:09
15	I6843-03		1	5.02	50	2.00	1.48	2.94	1.46	0.54	0.32	25.50	12/21/2017	15:16
16	I6844-03		1	5.01	50	2.00	2.94	4.18	1.24	0.76	0.54	43.11	12/21/2017	15:22
17	I6845-03		1	5.05	50	2.00	4.18	5.50	1.32	0.68	0.46	36.44	12/21/2017	15:29
18	I6846-03		1	5.01	50	2.00	5.50	6.72	1.22	0.78	0.56	44.71	12/21/2017	15:36
19	I6847-03		1	5.02	50	2.00	6.72	8.08	1.36	0.64	0.42	33.47	12/21/2017	15:43
20	I6848-03		1	5.01	50	2.00	0.00	1.48	1.48	0.52	0.30	23.95	12/21/2017	15:49

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume