

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB91843

ANALYST: HIRAL

SUPERVISOR REVIEW BY: apatel

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	PB104599BL		1	5.02	50	2.00	0.00	1.68	1.68	0.32	0.00	0.00	11/29/2017	13:22
2	I6302-08		1	5.02	50	2.00	0.00	1.62	1.62	0.38	0.06	4.78	11/29/2017	13:25
3	I6302-08DUP		1	5.05	50	2.00	1.62	3.26	1.64	0.36	0.04	3.17	11/29/2017	13:27
4	I6302-10		1	5.03	50	2.00	0.00	1.56	1.56	0.44	0.12	9.54	11/29/2017	13:30
5	I6302-12		1	5.02	50	2.00	0.00	1.42	1.42	0.58	0.26	20.72	11/29/2017	13:32
6	I6304-23		1	5.04	50	2.00	1.42	2.92	1.50	0.50	0.18	14.29	11/29/2017	13:35
7	I6304-25		1	5.01	50	2.00	2.92	4.50	1.58	0.42	0.10	7.98	11/29/2017	13:37
8	I6304-27		1	5.05	50	2.00	4.50	5.90	1.40	0.60	0.28	22.18	11/29/2017	13:40
9	I6304-29		1	5.02	50	2.00	5.90	7.44	1.54	0.46	0.14	11.16	11/29/2017	13:42
10	I6304-31		1	5.01	50	2.00	7.44	8.76	1.32	0.68	0.36	28.74	11/29/2017	13:45
11	I6306-04		1	5.03	50	2.00	0.00	1.40	1.40	0.60	0.28	22.27	11/29/2017	13:47
12	I6306-06		1	5.03	50	2.00	1.40	2.80	1.40	0.60	0.28	22.27	11/29/2017	13:49

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

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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	I6612-03		1	5.02	50	2.00	2.80	4.16	1.36	0.64	0.32	25.50	11/29/2017	13:51
14	I6615-03		1	5.04	50	2.00	4.16	5.50	1.34	0.66	0.34	26.98	11/29/2017	13:53
15	I6616-03		1	5.02	50	2.00	5.50	6.76	1.26	0.74	0.42	33.47	11/29/2017	13:55

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