

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91721

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	PB104398BL		1	5.02	50	2.00	0.00	1.72	1.72	0.28	0.00	0.00	11/21/2017	13:15
2	I6300-06		1	5.02	50	2.00	0.00	1.68	1.68	0.32	0.04	3.19	11/21/2017	13:18
3	I6300-06DUP		1	5.05	50	2.00	1.68	3.34	1.66	0.34	0.06	4.75	11/21/2017	13:20
4	I6305-12		1	5.03	50	2.00	0.00	1.54	1.54	0.46	0.18	14.31	11/21/2017	13:23
5	I6305-14		1	5.01	50	2.00	1.54	3.10	1.56	0.44	0.16	12.77	11/21/2017	13:25
6	I6305-16		1	5.04	50	2.00	3.10	4.62	1.52	0.48	0.20	15.87	11/21/2017	13:27
7	I6306-02		1	5.02	50	2.00	0.00	1.52	1.52	0.48	0.20	15.94	11/21/2017	13:29
8	I6310-06		1	5.06	50	2.00	1.52	2.94	1.42	0.58	0.30	23.72	11/21/2017	13:32
9	I6310-08		1	5.03	50	2.00	2.94	4.40	1.46	0.54	0.26	20.68	11/21/2017	13:34
10	I6311-06		1	5.03	50	2.00	4.40	5.82	1.42	0.58	0.30	23.86	11/21/2017	13:36
11	I6535-03		1	5.01	50	2.00	5.82	7.22	1.40	0.60	0.32	25.55	11/21/2017	13:39
12	I6538-02		1	5.00	50	2.00	7.22	8.70	1.48	0.52	0.24	19.20	11/21/2017	13:41

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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13	I6557-02		1	5.02	50	2.00	0.00	1.34	1.34	0.66	0.38	30.28	11/21/2017	13:43
14	I6565-04		1	5.04	50	2.00	1.34	2.68	1.34	0.66	0.38	30.16	11/21/2017	13:45

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