

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90880

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2251
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	PB103380BL		1	5.02	50	2.00	0.00	1.68	1.68	0.32	0.00	0.00	10/17/2017	15:50
2	I5896-03		1	5.04	50	2.00	1.68	3.28	1.60	0.40	0.08	6.35	10/17/2017	15:52
3	I5896-03DUP		1	5.03	50	2.00	3.28	4.90	1.62	0.38	0.06	4.77	10/17/2017	15:53
4	I5901-02		1	5.04	50	2.00	0.00	1.54	1.54	0.46	0.14	11.11	10/17/2017	15:54
5	I5901-04		1	5.05	50	2.00	1.54	3.08	1.54	0.46	0.14	11.09	10/17/2017	15:56
6	I5901-07		1	5.04	50	2.00	3.08	4.60	1.52	0.48	0.16	12.70	10/17/2017	15:57
7	I5901-10		1	5.03	50	2.00	4.60	6.26	1.66	0.34	0.02	1.59	10/17/2017	15:58
8	I5901-11		1	5.04	50	2.00	6.26	7.76	1.50	0.50	0.18	14.29	10/17/2017	15:59
9	I5901-12		1	5.03	50	2.00	7.76	9.14	1.38	0.62	0.30	23.86	10/17/2017	16:00
10	I5901-13		1	5.06	50	2.00	0.00	1.44	1.44	0.56	0.24	18.97	10/17/2017	16:01
11	I5905-01		1	5.03	50	2.00	1.44	2.80	1.36	0.64	0.32	25.45	10/17/2017	16:04
12	I5905-02		1	5.04	50	2.00	2.80	4.20	1.40	0.60	0.28	22.22	10/17/2017	16:04

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	I5929-04		1	5.03	50	2.00	4.20	5.66	1.46	0.54	0.22	17.50	10/17/2017	16:05
14	I5929-08		1	5.04	50	2.00	5.66	7.18	1.52	0.48	0.16	12.70	10/17/2017	16:06
15	I5929-12		1	5.03	50	2.00	7.18	8.50	1.32	0.68	0.36	28.63	10/17/2017	16:07
16	I5931-03		1	5.04	50	2.00	0.00	1.40	1.40	0.60	0.28	22.22	10/17/2017	16:08
17	I5935-03		1	5.03	50	2.00	1.40	2.70	1.30	0.70	0.38	30.22	10/17/2017	16:10
18	I5935-06		1	5.06	50	2.00	2.70	4.06	1.36	0.64	0.32	25.30	10/17/2017	16:11
19	I5935-09		1	5.04	50	2.00	4.06	5.36	1.30	0.70	0.38	30.16	10/17/2017	16:12
20	I5935-12		1	5.02	50	2.00	5.36	6.60	1.24	0.76	0.44	35.06	10/17/2017	16:14
21	I5935-15		1	5.03	50	2.00	6.60	7.82	1.22	0.78	0.46	36.58	10/17/2017	16:14

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