

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89754

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	PB101848BL		1	5.02	50	2.00	0.00	1.40	1.40	0.60	0.00	0.00	08/26/2017	13:05
2	I4979-06		1	5.04	50	2.00	0.00	1.40	1.40	0.60	0.00	0.00	08/26/2017	13:08
3	I4979-06DUP		1	5.03	50	2.00	1.40	2.78	1.38	0.62	0.02	1.59	08/26/2017	13:10
4	I4979-07		1	5.04	50	2.00	2.78	4.14	1.36	0.64	0.04	3.17	08/26/2017	13:12
5	I4979-08		1	5.05	50	2.00	4.14	5.54	1.40	0.60	0.00	0.00	08/26/2017	13:15
6	I4979-09		1	5.04	50	2.00	5.54	6.84	1.30	0.70	0.10	7.94	08/26/2017	13:18
7	I4979-10		1	5.03	50	2.00	0.00	1.26	1.26	0.74	0.14	11.13	08/26/2017	13:20
8	I4980-02		1	5.05	50	2.00	1.26	2.60	1.34	0.66	0.06	4.75	08/26/2017	13:23
9	I4981-02		1	5.02	50	2.00	2.60	3.92	1.32	0.68	0.08	6.37	08/26/2017	13:25
10	I4985-02		1	5.06	50	2.00	3.92	5.02	1.10	0.90	0.30	23.72	08/26/2017	13:28
11	I4986-03		1	5.03	50	2.00	5.02	6.32	1.30	0.70	0.10	7.95	08/26/2017	13:30
12	I4988-03		1	5.04	50	2.00	6.32	7.40	1.08	0.92	0.32	25.40	08/26/2017	13:32

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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Normality2: 0.025

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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
13	I4988-06		1	5.03	50	2.00	0.00	1.32	1.32	0.68	0.08	6.36	08/26/2017	13:35
14	I4988-09		1	5.03	50	2.00	1.32	2.60	1.28	0.72	0.12	9.54	08/26/2017	13:38
15	I4988-12		1	5.03	50	2.00	2.60	3.68	1.08	0.92	0.32	25.45	08/26/2017	13:40
16	I4988-15		1	5.04	50	2.00	3.68	4.94	1.26	0.74	0.14	11.11	08/26/2017	13:42
17	I4989-03		1	5.03	50	2.00	4.94	6.20	1.26	0.74	0.14	11.13	08/26/2017	13:45
18	I4989-06		1	5.06	50	2.00	0.00	1.38	1.38	0.62	0.02	1.58	08/26/2017	13:48
19	I4989-09		1	5.04	50	2.00	1.38	2.74	1.36	0.64	0.04	3.17	08/26/2017	13:50
20	I4989-12		1	5.02	50	2.00	2.74	3.92	1.18	0.82	0.22	17.53	08/26/2017	13:52

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