

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91061

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	PB103610BL		1	5.02	50	2.00	0.00	1.60	1.60	0.40	0.00	0.00	10/24/2017	15:25
2	I6023-11		1	5.04	50	2.00	0.00	1.44	1.44	0.56	0.16	12.70	10/24/2017	15:28
3	I6023-11DUP		1	5.03	50	2.00	1.44	2.86	1.42	0.58	0.18	14.31	10/24/2017	15:30
4	I6023-12		1	5.04	50	2.00	2.86	4.26	1.40	0.60	0.20	15.87	10/24/2017	15:32
5	I6023-13		1	5.05	50	2.00	4.26	5.48	1.22	0.78	0.38	30.10	10/24/2017	15:34
6	I6023-14		1	5.06	50	2.00	5.48	6.80	1.32	0.68	0.28	22.13	10/24/2017	15:36
7	I6023-15		1	5.03	50	2.00	6.80	7.96	1.16	0.84	0.44	34.99	10/24/2017	15:38
8	I6024-17		1	5.05	50	2.00	0.00	1.32	1.32	0.68	0.28	22.18	10/24/2017	15:40
9	I6024-18		1	5.06	50	2.00	1.32	2.52	1.20	0.80	0.40	31.62	10/24/2017	15:42
10	I6024-19		1	5.04	50	2.00	2.52	3.70	1.18	0.82	0.42	33.33	10/24/2017	15:44
11	I6024-20		1	5.07	50	2.00	3.70	5.00	1.30	0.70	0.30	23.67	10/24/2017	15:46
12	I6024-21		1	5.04	50	2.00	5.00	6.13	1.13	0.87	0.47	37.30	10/24/2017	15:48

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	I6024-22		1	5.03	50	2.00	6.13	7.26	1.13	0.87	0.47	37.38	10/24/2017	15:50
14	I6024-23		1	5.04	50	2.00	7.26	8.44	1.18	0.82	0.42	33.33	10/24/2017	15:52
15	I6024-24		1	5.03	50	2.00	0.00	1.18	1.18	0.82	0.42	33.40	10/24/2017	15:55
16	I6085-07		1	5.04	50	2.00	1.18	2.14	0.96	1.04	0.64	50.79	10/24/2017	15:58
17	I6091-03		1	5.03	50	2.00	2.14	3.16	1.02	0.98	0.58	46.12	10/24/2017	16:02

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