

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB85620

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2169
IODINE SOLUTION .025N 1L	W2178
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	PB96566BL		1	5.00	50	5.00	0.00	4.60	4.60	0.40	0.00	0.00	01/31/2017	12:30
2	I1572-01		1	5.03	50	5.00	0.00	3.72	3.72	1.28	0.88	69.98	01/31/2017	12:37
3	I1572-01DUP		1	5.02	50	5.00	3.72	7.46	3.74	1.26	0.86	68.53	01/31/2017	12:45
4	I1588-04		1	5.04	50	5.00	0.00	3.52	3.52	1.48	1.08	85.71	01/31/2017	12:52
5	I1597-21		1	5.03	50	5.00	0.00	4.46	4.46	0.54	0.14	11.13	01/31/2017	13:00
6	I1597-22		1	5.02	50	5.00	4.46	8.70	4.24	0.76	0.36	28.69	01/31/2017	13:07
7	I1597-23		1	5.03	50	5.00	0.00	4.28	4.28	0.72	0.32	25.45	01/31/2017	13:15
8	I1597-24		1	5.04	50	5.00	4.28	8.80	4.52	0.48	0.08	6.35	01/31/2017	13:22
9	I1597-25		1	5.03	50	5.00	0.00	3.86	3.86	1.14	0.74	58.85	01/31/2017	13:30
10	I1597-26		1	5.02	50	5.00	3.86	8.40	4.54	0.46	0.06	4.78	01/31/2017	13:37
11	I1597-27		1	5.03	50	5.00	0.00	3.82	3.82	1.18	0.78	62.03	01/31/2017	13:42
12	I1597-28		1	5.04	50	5.00	3.82	7.86	4.04	0.96	0.56	44.44	01/31/2017	13:50

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	I1597-29		1	5.03	50	5.00	0.00	3.84	3.84	1.16	0.76	60.44	01/31/2017	13:57
14	I1597-30		1	5.02	50	5.00	3.84	7.90	4.06	0.94	0.54	43.03	01/31/2017	14:05

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