

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB85595

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	PB96477BL		1	5.00	50	5.00	0.00	4.46	4.46	0.54	0.00	0.00	01/28/2017	14:00
2	I1527-21		1	5.03	50	5.00	0.00	3.60	3.60	1.40	0.86	68.39	01/28/2017	14:10
3	I1527-21DUP		1	5.02	50	5.00	3.60	7.22	3.62	1.38	0.84	66.93	01/28/2017	14:16
4	I1527-22		1	5.04	50	5.00	0.00	4.24	4.24	0.76	0.22	17.46	01/28/2017	14:25
5	I1527-23		1	5.05	50	5.00	0.00	4.00	4.00	1.00	0.46	36.44	01/28/2017	14:37
6	I1527-24		1	5.04	50	5.00	4.00	7.82	3.82	1.18	0.64	50.79	01/28/2017	14:43
7	I1527-25		1	5.03	50	5.00	0.00	3.90	3.90	1.10	0.56	44.53	01/28/2017	14:53
8	I1527-26		1	5.02	50	5.00	3.90	7.82	3.92	1.08	0.54	43.03	01/28/2017	15:00
9	I1527-27		1	5.03	50	5.00	0.00	4.34	4.34	0.66	0.12	9.54	01/28/2017	15:09
10	I1527-28		1	5.02	50	5.00	4.34	8.74	4.40	0.60	0.06	4.78	01/28/2017	15:20
11	I1527-29		1	5.03	50	5.00	0.00	4.04	4.04	0.96	0.42	33.40	01/28/2017	15:30
12	I1527-30		1	5.04	50	5.00	4.04	8.34	4.30	0.70	0.16	12.70	01/28/2017	15:40

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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13	I1531-05		1	5.03	50	5.00	0.00	4.04	4.04	0.96	0.42	33.40	01/28/2017	15:52
14	I1531-06		1	5.02	50	5.00	4.04	7.92	3.88	1.12	0.58	46.22	01/28/2017	16:00
15	I1531-07		1	5.03	50	5.00	0.00	3.70	3.70	1.30	0.76	60.44	01/28/2017	16:08
16	I1531-08		1	5.04	50	5.00	3.70	7.76	4.06	0.94	0.40	31.75	01/28/2017	16:20

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