

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB85652

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	PB96616BL		1	5.00	50	5.00	0.00	4.32	4.32	0.68	0.00	0.00	02/02/2017	11:30
2	I1644-05		1	5.03	50	5.00	0.00	4.08	4.08	0.92	0.24	19.09	02/02/2017	11:37
3	I1644-05DUP		1	5.02	50	5.00	4.08	8.18	4.10	0.90	0.22	17.53	02/02/2017	11:45
4	I1644-06		1	5.04	50	5.00	0.00	3.84	3.84	1.16	0.48	38.10	02/02/2017	11:55
5	I1658-02		1	5.03	50	5.00	0.00	4.00	4.00	1.00	0.32	25.45	02/02/2017	12:05
6	I1658-07		1	5.02	50	5.00	4.00	7.96	3.96	1.04	0.36	28.69	02/02/2017	12:15
7	I1658-12		1	5.03	50	5.00	0.00	4.04	4.04	0.96	0.28	22.27	02/02/2017	12:25
8	I1658-17		1	5.04	50	5.00	0.00	3.64	3.64	1.36	0.68	53.97	02/02/2017	12:34
9	I1659-07		1	5.03	50	5.00	0.00	3.52	3.52	1.48	0.80	63.62	02/02/2017	12:40
10	I1661-03		1	5.02	50	5.00	0.00	3.92	3.92	1.08	0.40	31.87	02/02/2017	12:50
11	I1661-04		1	5.04	50	5.00	0.00	3.94	3.94	1.06	0.38	30.16	02/02/2017	13:00
12	I1664-02		1	5.03	50	5.00	0.00	3.74	3.74	1.26	0.58	46.12	02/02/2017	13:07

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	I1665-02		1	5.02	50	5.00	0.00	3.76	3.76	1.24	0.56	44.62	02/02/2017	13:15

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