

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91527

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2261
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	PB104174BL		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	11/10/2017	16:25
2	I6301-02		1	5.04	50	2.00	0.00	1.70	1.70	0.30	0.12	9.52	11/10/2017	16:28
3	I6301-02DUP		1	5.03	50	2.00	0.00	1.72	1.72	0.28	0.10	7.95	11/10/2017	16:30
4	I6301-04		1	5.04	50	2.00	1.72	3.38	1.66	0.34	0.16	12.70	11/10/2017	16:32
5	I6301-06		1	5.05	50	2.00	3.38	4.88	1.50	0.50	0.32	25.35	11/10/2017	16:35
6	I6301-08		1	5.04	50	2.00	4.88	6.38	1.50	0.50	0.32	25.40	11/10/2017	16:38
7	I6301-10		1	5.03	50	2.00	6.38	7.80	1.42	0.58	0.40	31.81	11/10/2017	16:40
8	I6301-12		1	5.04	50	2.00	0.00	1.50	1.50	0.50	0.32	25.40	11/10/2017	16:42
9	I6301-14		1	5.03	50	2.00	1.50	2.86	1.36	0.64	0.46	36.58	11/10/2017	16:45
10	I6301-16		1	5.04	50	2.00	2.86	4.36	1.50	0.50	0.32	25.40	11/10/2017	16:48
11	I6396-04		1	5.03	50	2.00	4.36	5.72	1.36	0.64	0.46	36.58	11/10/2017	16:50
12	I6396-08		1	5.04	50	2.00	5.72	7.00	1.28	0.72	0.54	42.86	11/10/2017	16:52

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

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13	I6396-12		1	5.06	50	2.00	7.00	8.46	1.46	0.54	0.36	28.46	11/10/2017	16:55

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