

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89757

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	PB101885BL		1	5.02	50	2.00	0.00	1.76	1.76	0.24	0.00	0.00	08/28/2017	13:50
2	I4987-11		1	5.04	50	2.00	0.00	1.52	1.52	0.48	0.24	19.05	08/28/2017	13:53
3	I4987-11DUP		1	5.03	50	2.00	1.52	3.06	1.54	0.46	0.22	17.50	08/28/2017	13:55
4	I4987-12		1	5.04	50	2.00	3.06	4.46	1.40	0.60	0.36	28.57	08/28/2017	13:58
5	I4987-13		1	5.05	50	2.00	4.46	5.80	1.34	0.66	0.42	33.27	08/28/2017	14:02
6	I4987-14		1	5.04	50	2.00	5.80	7.06	1.26	0.74	0.50	39.68	08/28/2017	14:05
7	I4987-15		1	5.03	50	2.00	0.00	1.34	1.34	0.66	0.42	33.40	08/28/2017	14:08
8	I4992-02		1	5.04	50	2.00	1.34	2.64	1.30	0.70	0.46	36.51	08/28/2017	14:10
9	I4992-04		1	5.03	50	2.00	2.64	4.26	1.62	0.38	0.14	11.13	08/28/2017	14:12
10	I4993-03		1	5.04	50	2.00	4.26	5.60	1.34	0.66	0.42	33.33	08/28/2017	14:15
11	I4994-03		1	5.03	50	2.00	5.60	6.64	1.04	0.96	0.72	57.26	08/28/2017	14:18
12	I4994-06		1	5.04	50	2.00	6.64	7.92	1.28	0.72	0.48	38.10	08/28/2017	14:20

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

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13	I4994-09		1	5.03	50	2.00	0.00	1.30	1.30	0.70	0.46	36.58	08/28/2017	14:22
14	I4997-03		1	5.04	50	2.00	1.30	2.60	1.30	0.70	0.46	36.51	08/28/2017	14:25

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