

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88007

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2236
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	PB99654BL		1	5.02	50	5.00	0.00	4.30	4.30	0.70	0.00	0.00	06/10/2017	13:00
2	I3576-06		1	5.04	50	5.00	0.00	4.20	4.20	0.80	0.10	7.94	06/10/2017	13:04
3	I3576-06DUP		1	5.03	50	5.00	4.20	8.38	4.18	0.82	0.12	9.54	06/10/2017	13:07
4	I3583-03		1	5.04	50	5.00	0.00	4.18	4.18	0.82	0.12	9.52	06/10/2017	13:10
5	I3583-06		1	5.05	50	5.00	0.00	4.30	4.30	0.70	0.00	0.00	06/10/2017	13:14
6	I3584-03		1	5.04	50	5.00	0.00	4.02	4.02	0.98	0.28	22.22	06/10/2017	13:17
7	I3586-02		1	5.03	50	5.00	0.00	4.12	4.12	0.88	0.18	14.31	06/10/2017	13:20
8	I3587-02		1	5.04	50	5.00	4.12	8.16	4.04	0.96	0.26	20.63	06/10/2017	13:24
9	I3592-03		1	5.03	50	5.00	0.00	4.00	4.00	1.00	0.30	23.86	06/10/2017	13:27
10	I3594-03		1	5.04	50	5.00	4.00	8.04	4.04	0.96	0.26	20.63	06/10/2017	13:30
11	I3594-06		1	5.03	50	5.00	0.00	3.96	3.96	1.04	0.34	27.04	06/10/2017	13:34
12	I3594-09		1	5.04	50	5.00	3.96	7.96	4.00	1.00	0.30	23.81	06/10/2017	13:37

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	I3598-03		1	5.03	50	5.00	0.00	3.78	3.78	1.22	0.52	41.35	06/10/2017	13:40
14	I3598-07		1	5.04	50	5.00	3.78	7.66	3.88	1.12	0.42	33.33	06/10/2017	13:44
15	I3615-02		1	5.03	50	5.00	0.00	3.90	3.90	1.10	0.40	31.81	06/10/2017	13:47
16	I3615-06		1	5.04	50	5.00	3.90	7.74	3.84	1.16	0.46	36.51	06/10/2017	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