

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88125

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	PB99806BL		1	5.02	50	5.00	0.00	4.20	4.20	0.80	0.00	0.00	06/15/2017	14:30
2	I3680-03		1	5.04	50	5.00	0.00	3.94	3.94	1.06	0.26	20.63	06/15/2017	14:34
3	I3680-03DUP		1	5.03	50	5.00	3.94	7.90	3.96	1.04	0.24	19.09	06/15/2017	14:37
4	I3681-06		1	5.04	50	5.00	0.00	4.20	4.20	0.80	0.00	0.00	06/15/2017	14:40
5	I3684-03		1	5.05	50	5.00	0.00	3.58	3.58	1.42	0.62	49.11	06/15/2017	14:44
6	I3684-07		1	5.04	50	5.00	3.58	7.48	3.90	1.10	0.30	23.81	06/15/2017	14:47
7	I3689-07		1	5.03	50	5.00	0.00	3.56	3.56	1.44	0.64	50.89	06/15/2017	14:50
8	I3689-14		1	5.04	50	5.00	3.56	7.54	3.98	1.02	0.22	17.46	06/15/2017	14:54
9	I3693-03		1	5.03	50	5.00	0.00	3.70	3.70	1.30	0.50	39.76	06/15/2017	14:57
10	I3693-06		1	5.04	50	5.00	3.70	7.66	3.96	1.04	0.24	19.05	06/15/2017	15:02
11	I3693-09		1	5.03	50	5.00	0.00	3.50	3.50	1.50	0.70	55.67	06/15/2017	15:05
12	I3693-12		1	5.04	50	5.00	3.50	7.30	3.80	1.20	0.40	31.75	06/15/2017	15:08

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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Normality1: 0.025

Normality2: 0.025

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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
13	I3694-03		1	5.03	50	5.00	0.00	3.62	3.62	1.38	0.58	46.12	06/15/2017	15:12
14	I3694-06		1	5.04	50	5.00	3.62	7.30	3.68	1.32	0.52	41.27	06/15/2017	15:15
15	I3694-09		1	5.04	50	5.00	0.00	3.72	3.72	1.28	0.48	38.10	06/15/2017	15:18
16	I3695-03		1	5.03	50	5.00	3.72	7.36	3.64	1.36	0.56	44.53	06/15/2017	15:22

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