

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87908

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	PB99516BL		1	5.02	50	5.00	0.00	4.70	4.70	0.30	0.00	0.00	06/06/2017	12:30
2	I3469-14		1	5.04	50	5.00	0.00	4.70	4.70	0.30	0.00	0.00	06/06/2017	12:34
3	I3469-14DUP		1	5.03	50	5.00	0.00	4.68	4.68	0.32	0.02	1.59	06/06/2017	12:37
4	I3478-03		1	5.04	50	5.00	0.00	4.70	4.70	0.30	0.00	0.00	06/06/2017	12:40
5	I3478-07		1	5.05	50	5.00	0.00	4.68	4.68	0.32	0.02	1.58	06/06/2017	12:43
6	I3478-11		1	5.04	50	5.00	0.00	4.70	4.70	0.30	0.00	0.00	06/06/2017	12:48
7	I3478-15		1	5.03	50	5.00	0.00	4.68	4.68	0.32	0.02	1.59	06/06/2017	12:52
8	I3478-19		1	5.04	50	5.00	0.00	4.64	4.64	0.36	0.06	4.76	06/06/2017	12:55
9	I3479-24		1	5.03	50	5.00	0.00	4.70	4.70	0.30	0.00	0.00	06/06/2017	12:58
10	I3481-03		1	5.04	50	5.00	0.00	3.42	3.42	1.58	1.28	101.59	06/06/2017	13:02
11	I3482-03		1	5.03	50	5.00	0.00	4.20	4.20	0.80	0.50	39.76	06/06/2017	13:05
12	I3482-06		1	5.04	50	5.00	4.20	8.24	4.04	0.96	0.66	52.38	06/06/2017	13:08

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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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	I3482-09		1	5.03	50	5.00	0.00	4.04	4.04	0.96	0.66	52.49	06/06/2017	13:12
14	I3482-12		1	5.04	50	5.00	4.04	8.14	4.10	0.90	0.60	47.62	06/06/2017	13:15
15	I3482-15		1	5.03	50	5.00	0.00	4.00	4.00	1.00	0.70	55.67	06/06/2017	13:18

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