

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87883

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	PB99486BL		1	5.02	50	5.00	0.00	4.68	4.68	0.32	0.00	0.00	06/05/2017	15:15
2	I3436-11		1	5.04	50	5.00	0.00	4.64	4.64	0.36	0.04	3.17	06/05/2017	15:18
3	I3436-11DUP		1	5.04	50	5.00	4.64	9.26	4.62	0.38	0.06	4.76	06/05/2017	15:22
4	I3436-12		1	5.05	50	5.00	0.00	4.64	4.64	0.36	0.04	3.17	06/05/2017	15:25
5	I3436-13		1	5.06	50	5.00	0.00	4.66	4.66	0.34	0.02	1.58	06/06/2017	15:28
6	I3436-14		1	5.05	50	5.00	4.66	9.16	4.50	0.50	0.18	14.26	06/05/2017	15:32
7	I3436-15		1	5.03	50	5.00	0.00	4.54	4.54	0.46	0.14	11.13	06/05/2017	15:35
8	I3437-06		1	5.04	50	5.00	4.54	9.00	4.46	0.54	0.22	17.46	06/05/2017	15:38
9	I3438-05		1	5.03	50	5.00	0.00	4.50	4.50	0.50	0.18	14.31	06/05/2017	15:42
10	I3438-10		1	5.04	50	5.00	4.50	8.94	4.44	0.56	0.24	19.05	06/05/2017	15:45
11	I3438-15		1	5.06	50	5.00	0.00	4.50	4.50	0.50	0.18	14.23	06/05/2017	15:48
12	I3449-05		1	5.05	50	5.00	4.50	9.10	4.60	0.40	0.08	6.34	06/05/2017	15:52

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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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	I3466-02		1	5.05	50	5.00	0.00	4.40	4.40	0.60	0.28	22.18	06/05/2017	15:55
14	I3466-04		1	5.04	50	5.00	4.40	8.80	4.40	0.60	0.28	22.22	06/05/2017	15:58
15	I3466-06		1	5.03	50	5.00	0.00	4.32	4.32	0.68	0.36	28.63	06/05/2017	16:02

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