

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88605

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	PB100494BL		1	5.02	50	2.00	0.00	1.74	1.74	0.26	0.00	0.00	07/07/2017	14:50
2	I4069-07		1	5.04	50	2.00	0.00	1.70	1.70	0.30	0.04	3.17	07/07/2017	14:52
3	I4069-07DUP		1	5.03	50	2.00	1.70	3.42	1.72	0.28	0.02	1.59	07/07/2017	14:54
4	I4069-08		1	5.04	50	2.00	0.00	1.50	1.50	0.50	0.24	19.05	07/07/2017	14:57
5	I4069-09		1	5.05	50	2.00	1.50	3.12	1.62	0.38	0.12	9.50	07/07/2017	15:01
6	I4070-03		1	5.04	50	2.00	3.12	4.56	1.44	0.56	0.30	23.81	07/07/2017	15:03
7	I4070-06		1	5.06	50	2.00	4.56	5.88	1.32	0.68	0.42	33.20	07/07/2017	15:05
8	I4070-09		1	5.04	50	2.00	5.88	7.46	1.58	0.42	0.16	12.70	07/07/2017	15:07
9	I4070-12		1	5.03	50	2.00	7.46	8.78	1.32	0.68	0.42	33.40	07/07/2017	15:10
10	I4070-15		1	5.04	50	2.00	0.00	1.28	1.28	0.72	0.46	36.51	07/07/2017	15:12
11	I4072-03		1	5.03	50	2.00	1.28	2.64	1.36	0.64	0.38	30.22	07/07/2017	15:14
12	I4072-06		1	5.04	50	2.00	2.64	3.76	1.12	0.88	0.62	49.21	07/07/2017	15:17

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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Normality2: 0.025

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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	I4075-05		1	5.03	50	2.00	3.76	4.86	1.10	0.90	0.64	50.89	07/07/2017	15:20
14	I4075-10		1	5.04	50	2.00	4.86	5.90	1.04	0.96	0.70	55.56	07/07/2017	15:22
15	I4083-02		1	5.03	50	2.00	5.90	7.30	1.40	0.60	0.34	27.04	07/07/2017	15:25

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