

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91609

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2261
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	PB104294BL		1	5.02	50	2.00	0.00	1.78	1.78	0.22	0.00	0.00	11/15/2017	14:22
2	I6289-06		1	5.04	50	2.00	1.78	3.42	1.64	0.36	0.14	11.11	11/15/2017	14:30
3	I6289-06DUP		1	5.03	50	2.00	3.42	5.04	1.62	0.38	0.16	12.72	11/15/2017	14:33
4	I6476-02		1	5.04	50	2.00	0.00	1.58	1.58	0.42	0.20	15.87	11/15/2017	14:34
5	I6476-04		1	5.05	50	2.00	1.58	3.06	1.48	0.52	0.30	23.76	11/15/2017	14:36
6	I6476-06		1	5.06	50	2.00	3.06	4.58	1.52	0.48	0.26	20.55	11/15/2017	14:37
7	I6478-02		1	5.03	50	2.00	4.58	6.12	1.54	0.46	0.24	19.09	11/15/2017	14:39
8	I6478-04		1	5.03	50	2.00	6.12	7.70	1.58	0.42	0.20	15.90	11/15/2017	14:41
9	I6478-06		1	5.04	50	2.00	7.70	9.08	1.38	0.62	0.40	31.75	11/15/2017	14:42
10	I6478-08		1	5.06	50	2.00	0.00	1.54	1.54	0.46	0.24	18.97	11/15/2017	14:43
11	I6479-02		1	5.03	50	2.00	1.54	3.02	1.48	0.52	0.30	23.86	11/15/2017	14:45
12	I6479-04		1	5.06	50	2.00	3.02	4.40	1.38	0.62	0.40	31.62	11/15/2017	14:46

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	I6481-03		1	5.05	50	2.00	4.40	5.70	1.30	0.70	0.48	38.02	11/15/2017	14:47

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