

Analysis Method: 9034

ANALYST: AMANDEEP

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB85451

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2169
IODINE SOLUTION .025N 1L	W2178
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	PB96187BL		1	5.00	50	5.00	0.00	4.70	4.70	0.30	0.00	0.00	01/20/2017	11:40
2	I1304-03		1	5.05	50	5.00	0.00	4.60	4.60	0.40	0.10	7.92	01/20/2017	11:47
3	I1304-03DUP		1	5.01	50	5.00	4.60	9.18	4.58	0.42	0.12	9.58	01/23/2017	11:54
4	I1304-06		1	5.10	50	5.00	0.00	4.58	4.58	0.42	0.12	9.41	01/20/2017	12:01
5	I1304-09		1	5.03	50	5.00	4.58	9.04	4.46	0.54	0.24	19.09	01/20/2017	12:08
6	I1308-04		1	5.04	50	5.00	0.00	4.52	4.52	0.48	0.18	14.29	01/20/2017	12:15
7	I1347-02		1	5.00	50	5.00	4.52	9.16	4.64	0.36	0.06	4.80	01/20/2017	12:22
8	I1347-04		1	5.02	50	5.00	0.00	4.62	4.62	0.38	0.08	6.37	01/20/2017	12:29
9	I1347-06		1	5.05	50	5.00	4.62	9.12	4.50	0.50	0.20	15.84	01/20/2017	12:36
10	I1347-08		1	5.03	50	5.00	0.00	4.44	4.44	0.56	0.26	20.68	01/20/2017	12:43
11	I1347-10		1	5.05	50	5.00	4.44	8.94	4.50	0.50	0.20	15.84	01/20/2017	12:50
12	I1347-12		1	5.05	50	5.00	0.00	4.60	4.60	0.40	0.10	7.92	01/20/2017	12:57

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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13	I1347-14		1	5.02	50	5.00	4.60	8.86	4.26	0.74	0.44	35.06	01/20/2017	13:04
14	I1347-16		1	5.00	50	5.00	0.00	4.50	4.50	0.50	0.20	16.00	01/20/2017	13:11
15	I1347-18		1	5.04	50	5.00	4.50	8.78	4.28	0.72	0.42	33.33	01/20/2017	13:18
16	I1347-20		1	5.04	50	5.00	0.00	4.24	4.24	0.76	0.46	36.51	01/20/2017	13:25
17	I1351-01		1	5.08	50	5.00	4.24	8.60	4.36	0.64	0.34	26.77	01/20/2017	13:32
18	I1351-02		1	5.07	50	5.00	0.00	4.12	4.12	0.88	0.58	45.76	01/20/2017	13:37

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