

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB92502

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2252
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	PB105504BL		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	01/05/2018	15:05
2	J1011-02		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.04	3.19	01/05/2018	15:11
3	J1011-02DUP		1	5.05	50	2.00	1.82	3.62	1.80	0.20	0.06	4.75	01/05/2018	15:17
4	J1011-04		1	5.03	50	2.00	0.00	1.76	1.76	0.24	0.10	7.95	01/05/2018	15:23
5	J1011-06		1	5.02	50	2.00	1.76	3.50	1.74	0.26	0.12	9.56	01/05/2018	15:29
6	J1011-08		1	5.04	50	2.00	3.50	5.32	1.82	0.18	0.04	3.17	01/05/2018	15:35
7	J1012-02		1	5.00	50	2.00	5.32	6.96	1.64	0.36	0.22	17.60	01/05/2018	15:41
8	J1012-04		1	5.05	50	2.00	6.96	8.56	1.60	0.40	0.26	20.59	01/05/2018	15:47
9	J1012-06		1	5.02	50	2.00	0.00	1.74	1.74	0.26	0.12	9.56	01/05/2018	15:53
10	J1012-08		1	5.01	50	2.00	1.74	3.50	1.76	0.24	0.10	7.98	01/05/2018	15:59
11	J1012-10		1	5.00	50	2.00	3.50	5.14	1.64	0.36	0.22	17.60	01/05/2018	16:05
12	J1012-12		1	5.03	50	2.00	5.14	6.74	1.60	0.40	0.26	20.68	01/05/2018	16:11

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

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2252
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
13	J1012-14		1	5.06	50	2.00	6.74	8.28	1.54	0.46	0.32	25.30	01/05/2018	16:17
14	J1012-16		1	5.04	50	2.00	0.00	1.52	1.52	0.48	0.34	26.98	01/05/2018	16:22
15	J1016-02		1	5.02	50	2.00	1.52	3.06	1.54	0.46	0.32	25.50	01/05/2018	16:29
16	J1033-07		1	5.01	50	2.00	3.06	4.62	1.56	0.44	0.30	23.95	01/05/2018	16:35
17	J1033-08		1	5.05	50	2.00	4.62	6.12	1.50	0.50	0.36	28.51	01/05/2018	16:41
18	J1033-09		1	5.01	50	2.00	6.12	7.60	1.48	0.52	0.38	30.34	01/05/2018	16:47
19	J1033-10		1	5.02	50	2.00	0.00	1.48	1.48	0.52	0.38	30.28	01/05/2018	16:53
20	J1033-11		1	5.01	50	2.00	1.48	3.00	1.52	0.48	0.34	27.15	01/05/2018	16:59
21	J1033-12		1	5.00	50	2.00	3.00	4.36	1.36	0.64	0.50	40.00	01/05/2018	17:05

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