

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB92880

ANALYST: HIRAL

SUPERVISOR REVIEW BY: apatel

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2276
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	PB106017BL		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	01/25/2018	14:04
2	J1020-02		1	5.01	50	2.00	0.00	1.78	1.78	0.22	0.10	7.98	01/25/2018	14:08
3	J1020-02DUP		1	5.02	50	2.00	1.78	3.58	1.80	0.20	0.08	6.37	01/25/2018	14:11
4	J1020-04		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.06	4.77	01/25/2018	14:15
5	J1020-06		1	5.00	50	2.00	1.82	3.64	1.82	0.18	0.06	4.80	01/25/2018	14:19
6	J1020-08		1	5.02	50	2.00	3.64	5.38	1.74	0.26	0.14	11.16	01/25/2018	14:22
7	J1020-10		1	5.01	50	2.00	5.38	7.22	1.84	0.16	0.04	3.19	01/25/2018	14:26
8	J1020-12		1	5.02	50	2.00	7.22	9.02	1.80	0.20	0.08	6.37	01/25/2018	14:29
9	J1020-14		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.04	3.17	01/25/2018	14:32
10	J1020-16		1	5.04	50	2.00	1.84	3.64	1.80	0.20	0.08	6.35	01/25/2018	14:36
11	J1300-05		1	5.03	50	2.00	3.64	5.50	1.86	0.14	0.02	1.59	01/25/2018	14:39
12	J1306-04		1	5.00	50	2.00	5.50	7.18	1.68	0.32	0.20	16.00	01/25/2018	14:43

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	J1306-08		1	5.01	50	2.00	7.18	8.84	1.66	0.34	0.22	17.56	01/25/2018	14:47
14	J1306-12		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.02	1.59	01/25/2018	14:50
15	J1306-16		1	5.02	50	2.00	1.86	3.64	1.78	0.22	0.10	7.97	01/25/2018	14:54
16	J1306-20		1	5.05	50	2.00	3.64	5.28	1.64	0.36	0.24	19.01	01/25/2018	14:57
17	J1307-04		1	5.04	50	2.00	5.28	7.12	1.84	0.16	0.04	3.17	01/25/2018	15:01
18	J1307-08		1	5.01	50	2.00	7.12	8.62	1.50	0.50	0.38	30.34	01/25/2018	15:05

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