

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB92917

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	PB106074BL		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	01/26/2018	13:16
2	J1009-02		1	5.01	50	2.00	0.00	1.82	1.82	0.18	0.06	4.79	01/26/2018	13:19
3	J1009-02DUP		1	5.02	50	2.00	1.82	3.62	1.80	0.20	0.08	6.37	01/26/2018	13:23
4	J1009-04		1	5.01	50	2.00	0.00	1.74	1.74	0.26	0.14	11.18	01/26/2018	13:26
5	J1009-06		1	5.00	50	2.00	1.74	3.56	1.82	0.18	0.06	4.80	01/26/2018	13:30
6	J1009-08		1	5.02	50	2.00	3.56	5.26	1.70	0.30	0.18	14.34	01/26/2018	13:33
7	J1009-10		1	5.03	50	2.00	5.26	6.96	1.70	0.30	0.18	14.31	01/26/2018	13:36
8	J1009-12		1	5.02	50	2.00	6.96	8.78	1.82	0.18	0.06	4.78	01/26/2018	13:39
9	J1009-14		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.04	3.17	01/26/2018	13:42
10	J1010-09		1	5.01	50	2.00	1.84	3.58	1.74	0.26	0.14	11.18	01/26/2018	13:46
11	J1018-11		1	5.03	50	2.00	3.58	5.40	1.82	0.18	0.06	4.77	01/26/2018	13:50
12	J1320-03		1	5.00	50	2.00	5.40	7.12	1.72	0.28	0.16	12.80	01/26/2018	13:53

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	J1322-02		1	5.01	50	2.00	7.12	8.84	1.72	0.28	0.16	12.77	01/26/2018	13:57
14	J1325-03		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.06	4.76	01/26/2018	14:00
15	J1325-06		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.06	4.78	01/26/2018	14:03
16	J1325-09		1	5.05	50	2.00	1.82	3.66	1.84	0.16	0.04	3.17	01/26/2018	14:07
17	J1325-12		1	5.04	50	2.00	3.66	5.50	1.84	0.16	0.04	3.17	01/26/2018	14:11
18	J1326-02		1	5.01	50	2.00	5.50	7.20	1.70	0.30	0.18	14.37	01/26/2018	14:15
19	J1328-03		1	5.05	50	2.00	7.20	8.86	1.66	0.34	0.22	17.43	01/26/2018	14:18

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