

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB92598

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	PB105611BL		1	5.02	50	2.00	0.00	1.78	1.78	0.22	0.00	0.00	01/12/2018	13:27
2	J1010-02		1	5.02	50	2.00	0.00	1.66	1.66	0.34	0.12	9.56	01/12/2018	13:31
3	J1010-02DUP		1	5.05	50	2.00	1.66	3.34	1.68	0.32	0.10	7.92	01/12/2018	13:35
4	J1011-11		1	5.03	50	2.00	0.00	1.54	1.54	0.46	0.24	19.09	01/12/2018	13:39
5	J1011-13		1	5.02	50	2.00	1.54	3.22	1.68	0.32	0.10	7.97	01/12/2018	13:42
6	J1011-15		1	5.04	50	2.00	3.22	4.88	1.66	0.34	0.12	9.52	01/12/2018	13:45
7	J1015-02		1	5.01	50	2.00	4.88	6.48	1.60	0.40	0.18	14.37	01/12/2018	13:49
8	J1015-04		1	5.00	50	2.00	6.48	8.02	1.54	0.46	0.24	19.20	01/12/2018	13:52
9	J1015-06		1	5.02	50	2.00	0.00	1.60	1.60	0.40	0.18	14.34	01/12/2018	13:55
10	J1015-08		1	5.01	50	2.00	1.60	3.18	1.58	0.42	0.20	15.97	01/12/2018	13:58
11	J1018-04		1	5.03	50	2.00	3.18	4.62	1.44	0.56	0.34	27.04	01/12/2018	14:01
12	J1098-01		1	5.01	50	2.00	4.62	6.22	1.60	0.40	0.18	14.37	01/12/2018	14:04

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	J1098-02		1	5.02	50	2.00	6.22	7.62	1.40	0.60	0.38	30.28	01/12/2018	14:07
14	J1098-03		1	5.04	50	2.00	7.62	9.06	1.44	0.56	0.34	26.98	01/12/2018	14:10
15	J1098-04		1	5.02	50	2.00	0.00	1.46	1.46	0.54	0.32	25.50	01/12/2018	14:14
16	J1100-01		1	5.01	50	2.00	1.46	2.92	1.46	0.54	0.32	25.55	01/12/2018	14:17
17	J1107-02		1	5.05	50	2.00	2.92	4.26	1.34	0.66	0.44	34.85	01/12/2018	14:21

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