

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB92625

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	PB105673BL		1	5.01	50	2.00	0.00	1.78	1.78	0.22	0.00	0.00	01/15/2018	16:32
2	J1016-04		1	5.02	50	2.00	0.00	1.76	1.76	0.24	0.02	1.59	01/15/2018	16:35
3	J1016-04DUP		1	5.03	50	2.00	1.76	3.50	1.74	0.26	0.04	3.18	01/15/2018	16:38
4	J1019-06		1	5.01	50	2.00	0.00	1.70	1.70	0.30	0.08	6.39	01/15/2018	16:41
5	J1019-08		1	5.02	50	2.00	1.70	3.46	1.76	0.24	0.02	1.59	01/15/2018	16:44
6	J1019-10		1	5.04	50	2.00	3.46	5.10	1.64	0.36	0.14	11.11	01/15/2018	16:47
7	J1022-07		1	5.01	50	2.00	5.10	6.66	1.56	0.44	0.22	17.56	01/15/2018	16:50
8	J1116-02		1	5.00	50	2.00	0.00	1.60	1.60	0.40	0.18	14.40	01/15/2018	16:53
9	J1116-04		1	5.02	50	2.00	1.60	3.34	1.74	0.26	0.04	3.19	01/15/2018	16:56
10	J1116-06		1	5.03	50	2.00	3.34	5.00	1.66	0.34	0.12	9.54	01/15/2018	16:59
11	J1122-19		1	5.03	50	2.00	5.00	6.60	1.60	0.40	0.18	14.31	01/15/2018	17:02
12	J1122-23		1	5.03	50	2.00	6.60	7.94	1.34	0.66	0.44	34.99	01/15/2018	17:06

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	J1122-27		1	5.02	50	2.00	0.00	1.62	1.62	0.38	0.16	12.75	01/15/2018	17:09
14	J1123-04		1	5.04	50	2.00	1.62	3.10	1.48	0.52	0.30	23.81	01/15/2018	17:13
15	J1123-05		1	5.02	50	2.00	3.10	4.64	1.54	0.46	0.24	19.12	01/15/2018	17:16
16	J1123-06		1	5.01	50	2.00	4.64	6.24	1.60	0.40	0.18	14.37	01/15/2018	17:20

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