

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB93148

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2276
IODINE SOLUTION .025N 1L	W2283
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	PB106375BL		1	5.04	50	2.00	0.00	1.66	1.66	0.34	0.00	0.00	02/07/2018	15:02
2	J1400-02		1	5.01	50	2.00	0.00	1.44	1.44	0.56	0.22	17.56	02/07/2018	15:05
3	J1400-02DUP		1	5.02	50	2.00	1.44	2.90	1.46	0.54	0.20	15.94	02/07/2018	15:09
4	J1400-04		1	5.03	50	2.00	2.90	4.44	1.54	0.46	0.12	9.54	02/07/2018	15:12
5	J1400-06		1	5.00	50	2.00	4.44	5.84	1.40	0.60	0.26	20.80	02/07/2018	15:15
6	J1403-02		1	5.02	50	2.00	0.00	1.48	1.48	0.52	0.18	14.34	02/07/2018	15:18
7	J1465-03		1	5.03	50	2.00	1.48	2.80	1.32	0.68	0.34	27.04	02/07/2018	15:21
8	J1473-04		1	5.02	50	2.00	2.80	4.30	1.50	0.50	0.16	12.75	02/07/2018	15:24
9	J1473-08		1	5.01	50	2.00	4.30	5.64	1.34	0.66	0.32	25.55	02/07/2018	15:27
10	J1473-12		1	5.01	50	2.00	5.64	7.08	1.44	0.56	0.22	17.56	02/07/2018	15:31
11	J1473-16		1	5.03	50	2.00	7.08	8.40	1.32	0.68	0.34	27.04	02/07/2018	15:34
12	J1473-20		1	5.00	50	2.00	0.00	1.40	1.40	0.60	0.26	20.80	02/07/2018	15:37

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	J1473-24		1	5.01	50	2.00	1.40	2.72	1.32	0.68	0.34	27.15	02/07/2018	15:40
14	J1473-28		1	5.04	50	2.00	2.72	4.12	1.40	0.60	0.26	20.63	02/07/2018	15:44
15	J1473-32		1	5.02	50	2.00	4.12	5.40	1.28	0.72	0.38	30.28	02/07/2018	15:47
16	J1473-36		1	5.05	50	2.00	5.40	6.66	1.26	0.74	0.40	31.68	02/07/2018	15:50
17	J1473-40		1	5.04	50	2.00	6.66	7.88	1.22	0.78	0.44	34.92	02/07/2018	15:54
18	J1473-44		1	5.01	50	2.00	7.88	9.22	1.34	0.66	0.32	25.55	02/07/2018	15:57

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