

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB95308

ANALYST: Hiral

SUPERVISOR REVIEW BY: KETANKUMAR

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	PB109201BL		1	5.02	50	2.00	0.00	1.66	1.66	0.34	0.00	0.00	05/11/2018	15:22
2	J2675-04		1	5.03	50	2.00	0.00	1.38	1.38	0.62	0.28	22.27	05/11/2018	15:24
3	J2675-04DUP		1	5.01	50	2.00	1.38	2.78	1.40	0.60	0.26	20.76	05/11/2018	15:26
4	J2675-06		1	5.00	50	2.00	0.00	1.26	1.26	0.74	0.40	32.00	05/11/2018	15:28
5	J2675-08		1	5.04	50	2.00	1.26	2.62	1.36	0.64	0.30	23.81	05/11/2018	15:30
6	J2859-04		1	5.01	50	2.00	0.00	1.34	1.34	0.66	0.32	25.55	05/11/2018	15:33
7	J2862-03		1	5.05	50	2.00	1.34	2.56	1.22	0.78	0.44	34.85	05/11/2018	15:35
8	J2868-04		1	5.02	50	2.00	2.56	3.78	1.22	0.78	0.44	35.06	05/11/2018	15:37
9	J2868-08		1	5.00	50	2.00	3.78	4.86	1.08	0.92	0.58	46.40	05/11/2018	15:40
10	J2868-12		1	5.01	50	2.00	4.86	5.98	1.12	0.88	0.54	43.11	05/11/2018	15:42
11	J2870-04		1	5.03	50	2.00	5.98	7.32	1.34	0.66	0.32	25.45	05/11/2018	15:44
12	J2870-08		1	5.02	50	2.00	7.32	8.40	1.08	0.92	0.58	46.22	05/11/2018	15:46

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	J2870-13		1	5.04	50	2.00	0.00	1.32	1.32	0.68	0.34	26.98	05/11/2018	15:48
14	J2870-17		1	5.00	50	2.00	1.32	2.40	1.08	0.92	0.58	46.40	05/11/2018	15:50
15	J2870-22		1	5.05	50	2.00	2.40	3.70	1.30	0.70	0.36	28.51	05/11/2018	15:52
16	J2872-03		1	5.02	50	2.00	3.70	4.86	1.16	0.84	0.50	39.84	05/11/2018	15:54
17	J2876-03		1	5.04	50	2.00	4.86	6.08	1.22	0.78	0.44	34.92	05/11/2018	15:56
18	J2876-06		1	5.03	50	2.00	6.08	7.04	0.96	1.04	0.70	55.67	05/11/2018	15:58
19	J2876-09		1	5.04	50	2.00	7.04	8.00	0.96	1.04	0.70	55.56	05/11/2018	16:00
20	J2876-12		1	5.01	50	2.00	8.00	9.00	1.00	1.00	0.66	52.69	05/11/2018	16:03

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