

Analysis Method: 9034

ANALYST: Hiral

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: KETANKUMAR

Run Number: LB95469

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	PB109449BL		1	5.05	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	05/18/2018	15:27
2	J2673-02		1	5.03	50	2.00	0.00	1.68	1.68	0.32	0.24	19.09	05/18/2018	15:29
3	J2673-02DUP		1	5.01	50	2.00	1.68	3.38	1.70	0.30	0.22	17.56	05/18/2018	15:31
4	J2673-04		1	5.03	50	2.00	0.00	1.64	1.64	0.36	0.28	22.27	05/18/2018	15:33
5	J2673-06		1	5.04	50	2.00	1.64	3.26	1.62	0.38	0.30	23.81	05/18/2018	15:35
6	J2673-08		1	5.01	50	2.00	0.00	1.48	1.48	0.52	0.44	35.13	05/18/2018	15:37
7	J2673-10		1	5.05	50	2.00	1.48	3.04	1.56	0.44	0.36	28.51	05/18/2018	15:39
8	J2673-12		1	5.02	50	2.00	3.04	4.48	1.44	0.56	0.48	38.25	05/18/2018	15:41
9	J2673-14		1	5.00	50	2.00	4.48	5.94	1.46	0.54	0.46	36.80	05/18/2018	15:43
10	J2673-16		1	5.01	50	2.00	5.94	7.30	1.36	0.64	0.56	44.71	05/18/2018	15:45
11	J2677-06		1	5.03	50	2.00	7.30	8.46	1.16	0.84	0.76	60.44	05/18/2018	15:47
12	J2971-02		1	5.02	50	2.00	0.00	1.46	1.46	0.54	0.46	36.65	05/18/2018	15:49

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	J2971-04		1	5.04	50	2.00	1.46	2.98	1.52	0.48	0.40	31.75	05/18/2018	15:51
14	J2971-06		1	5.00	50	2.00	2.98	4.26	1.28	0.72	0.64	51.20	05/18/2018	15:53
15	J2971-08		1	5.05	50	2.00	4.26	5.60	1.34	0.66	0.58	45.94	05/18/2018	15:55
16	J2971-10		1	5.02	50	2.00	5.60	6.92	1.32	0.68	0.60	47.81	05/18/2018	15:57
17	J3004-02		1	5.04	50	2.00	6.92	8.00	1.08	0.92	0.84	66.67	05/18/2018	15:59
18	J3004-04		1	5.03	50	2.00	0.00	1.14	1.14	0.86	0.78	62.03	05/18/2018	16:01
19	J3004-06		1	5.04	50	2.00	1.14	2.36	1.22	0.78	0.70	55.56	05/18/2018	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