

Analysis Method: 9034

ANALYST: Hiral

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: KETANKUMAR

Run Number: LB95343

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	PB109253BL		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	05/14/2018	12:27
2	J2670-04		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.02	1.59	05/14/2018	12:29
3	J2670-04DUP		1	5.01	50	2.00	1.84	3.66	1.82	0.18	0.04	3.19	05/14/2018	12:31
4	J2671-12		1	5.04	50	2.00	0.00	1.64	1.64	0.36	0.22	17.46	05/14/2018	12:33
5	J2671-14		1	5.02	50	2.00	1.64	3.16	1.52	0.48	0.34	27.09	05/14/2018	12:35
6	J2674-04		1	5.00	50	2.00	3.16	4.90	1.74	0.26	0.12	9.60	05/14/2018	12:37
7	J2679-08		1	5.05	50	2.00	4.90	6.64	1.74	0.26	0.12	9.50	05/14/2018	12:39
8	J2679-10		1	5.02	50	2.00	6.64	8.16	1.52	0.48	0.34	27.09	05/14/2018	12:41
9	J2679-12		1	5.00	50	2.00	8.16	9.64	1.48	0.52	0.38	30.40	05/14/2018	12:43
10	J2880-03		1	5.01	50	2.00	0.00	1.56	1.56	0.44	0.30	23.95	05/14/2018	12:45
11	J2880-06		1	5.03	50	2.00	1.56	3.14	1.58	0.42	0.28	22.27	05/14/2018	12:47
12	J2883-02		1	5.02	50	2.00	3.14	4.44	1.30	0.70	0.56	44.62	05/14/2018	12:49

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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Normality2: 0.025

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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
13	J2888-04		1	5.04	50	2.00	4.44	6.30	1.86	0.14	0.00	0.00	05/14/2018	12:51
14	J2888-08		1	5.00	50	2.00	6.30	8.02	1.72	0.28	0.14	11.20	05/14/2018	12:53
15	J2888-12		1	5.05	50	2.00	8.02	9.78	1.76	0.24	0.10	7.92	05/14/2018	12:55
16	J2888-16		1	5.02	50	2.00	0.00	1.52	1.52	0.48	0.34	27.09	05/14/2018	12:57
17	J2888-20		1	5.04	50	2.00	1.52	3.16	1.64	0.36	0.22	17.46	05/14/2018	12:59
18	J2888-24		1	5.03	50	2.00	3.16	4.60	1.44	0.56	0.42	33.40	05/14/2018	13:01
19	J2888-28		1	5.04	50	2.00	4.60	6.18	1.58	0.42	0.28	22.22	05/14/2018	13:03
20	J2888-32		1	5.01	50	2.00	6.18	7.74	1.56	0.44	0.30	23.95	05/14/2018	13:05

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