

Analysis Method: 9034

ANALYST: AMANDEEP

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89594

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2251
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	PB101678BL		1	5.00	50	2.00	0.00	1.50	1.50	0.50	0.00	0.00	08/18/2017	14:55
2	I4849-05		1	5.01	50	2.00	2.96	4.44	1.48	0.52	0.02	1.60	08/18/2017	14:58
3	I4849-05DUP		1	5.02	50	2.00	4.44	5.92	1.48	0.52	0.02	1.59	08/18/2017	14:59
4	I4872-21		1	5.03	50	2.00	5.94	7.16	1.22	0.78	0.28	22.27	08/18/2017	15:00
5	I4872-22		1	5.04	50	2.00	7.16	8.50	1.34	0.66	0.16	12.70	08/18/2017	15:02
6	I4872-23		1	5.05	50	2.00	8.50	9.86	1.36	0.64	0.14	11.09	08/18/2017	15:03
7	I4872-24		1	5.08	50	2.00	0.00	1.26	1.26	0.74	0.24	18.90	08/18/2017	15:04
8	I4872-25		1	5.04	50	2.00	1.26	2.54	1.28	0.72	0.22	17.46	08/18/2017	15:06
9	I4872-26		1	5.07	50	2.00	2.54	3.78	1.24	0.76	0.26	20.51	08/18/2017	15:07
10	I4872-27		1	5.08	50	2.00	3.78	5.00	1.22	0.78	0.28	22.05	08/18/2017	15:07
11	I4872-28		1	5.09	50	2.00	5.00	6.20	1.20	0.80	0.30	23.58	08/18/2017	15:08
12	I4872-29		1	5.01	50	2.00	6.20	7.46	1.26	0.74	0.24	19.16	08/18/2017	15:09

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	I4872-30		1	5.02	50	2.00	7.46	8.68	1.22	0.78	0.28	22.31	08/18/2017	15:09
14	I4875-03		1	5.04	50	2.00	0.00	1.20	1.20	0.80	0.30	23.81	08/18/2017	15:10
15	I4875-06		1	5.05	50	2.00	1.20	2.40	1.20	0.80	0.30	23.76	08/18/2017	15:11
16	I4875-09		1	5.00	50	2.00	2.40	3.60	1.20	0.80	0.30	24.00	08/18/2017	15:12
17	I4875-12		1	5.01	50	2.00	3.60	4.74	1.14	0.86	0.36	28.74	08/18/2017	15:13
18	I4875-15		1	5.02	50	2.00	4.74	5.86	1.12	0.88	0.38	30.28	08/18/2017	15:14
19	I4879-03		1	5.03	50	2.00	5.86	7.02	1.16	0.84	0.34	27.04	08/18/2017	15:14

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