

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88333

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2236
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	PB100135BL		1	5.02	50	5.00	0.00	4.62	4.62	0.38	0.00	0.00	06/24/2017	13:05
2	I3852-19		1	5.04	50	5.00	0.00	4.50	4.50	0.50	0.12	9.52	06/24/2017	13:08
3	I3852-19DUP		1	5.03	50	5.00	4.50	9.02	4.52	0.48	0.10	7.95	06/24/2017	13:12
4	I3852-20		1	5.04	50	5.00	4.48	8.96	4.48	0.52	0.14	11.11	06/24/2017	13:15
5	I3852-21		1	5.05	50	5.00	0.00	4.26	4.26	0.74	0.36	28.51	06/24/2017	13:18
6	I3852-22		1	5.04	50	5.00	4.26	8.60	4.34	0.66	0.28	22.22	06/24/2017	13:22
7	I3852-23		1	5.06	50	5.00	0.00	4.10	4.10	0.90	0.52	41.11	06/24/2017	13:25
8	I3852-24		1	5.04	50	5.00	4.10	8.70	4.60	0.40	0.02	1.59	06/24/2017	13:28
9	I3852-25		1	5.03	50	5.00	0.00	4.60	4.60	0.40	0.02	1.59	06/24/2017	13:32
10	I3852-26		1	5.04	50	5.00	4.64	9.10	4.46	0.54	0.16	12.70	06/24/2017	13:35
11	I3852-27		1	5.06	50	5.00	0.00	4.36	4.36	0.64	0.26	20.55	06/24/2017	13:38
12	I3852-28		1	5.04	50	5.00	4.36	8.74	4.38	0.62	0.24	19.05	06/24/2017	13:42

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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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	I3852-29		1	5.03	50	5.00	0.00	4.44	4.44	0.56	0.18	14.31	06/24/2017	13:45
14	I3852-30		1	5.04	50	5.00	4.44	8.64	4.20	0.80	0.42	33.33	06/24/2017	13:48
15	I3852-31		1	5.03	50	5.00	0.00	4.40	4.40	0.60	0.22	17.50	06/24/2017	13:52
16	I3852-32		1	5.04	50	5.00	4.40	9.02	4.62	0.38	0.00	0.00	06/24/2017	13:55
17	I3852-33		1	5.05	50	5.00	0.00	4.32	4.32	0.68	0.30	23.76	06/24/2017	13:58
18	I3852-34		1	5.06	50	5.00	4.32	8.74	4.42	0.58	0.20	15.81	06/24/2017	14:02
19	I3852-35		1	5.04	50	5.00	0.00	4.04	4.04	0.96	0.58	46.03	06/24/2017	14:05
20	I3852-36		1	5.02	50	5.00	4.04	8.48	4.44	0.56	0.18	14.34	06/24/2017	14:08

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