

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88454

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	PB100300BL		1	5.02	50	2.00	0.74	2.22	1.48	0.52	0.00	0.00	06/29/2017	18:05
2	I3930-13		1	5.04	50	2.00	2.22	3.60	1.38	0.62	0.10	7.94	06/29/2017	18:07
3	I3930-13DUP		1	5.03	50	2.00	3.60	4.98	1.38	0.62	0.10	7.95	06/29/2017	18:08
4	I3930-14		1	5.04	50	2.00	4.98	6.30	1.32	0.68	0.16	12.70	06/29/2017	18:10
5	I3930-15		1	5.05	50	2.00	6.38	7.52	1.14	0.86	0.34	26.93	06/29/2017	18:12
6	I3930-16		1	5.04	50	2.00	7.56	8.54	0.98	1.02	0.50	39.68	06/29/2017	18:13
7	I3930-17		1	5.03	50	2.00	8.54	9.38	0.84	1.16	0.64	50.89	06/29/2017	18:15
8	I3930-18		1	5.04	50	2.00	0.00	0.90	0.90	1.10	0.58	46.03	06/29/2017	18:19
9	I3930-19		1	5.03	50	2.00	0.90	1.70	0.80	1.20	0.68	54.08	06/29/2017	18:20
10	I3930-20		1	5.04	50	2.00	1.70	2.56	0.86	1.14	0.62	49.21	06/29/2017	18:22
11	I3930-21		1	5.04	50	2.00	2.56	3.46	0.90	1.10	0.58	46.03	06/29/2017	18:24
12	I3930-22		1	5.04	50	2.00	3.46	4.30	0.84	1.16	0.64	50.79	06/29/2017	18:25

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	I3930-23		1	5.05	50	2.00	4.30	5.14	0.84	1.16	0.64	50.69	06/29/2017	18:27
14	I3930-24		1	5.04	50	2.00	5.14	6.06	0.92	1.08	0.56	44.44	06/29/2017	18:28
15	I3959-03		1	5.02	50	2.00	6.06	6.86	0.80	1.20	0.68	54.18	06/29/2017	18:30
16	I3959-06		1	5.04	50	2.00	6.86	7.76	0.90	1.10	0.58	46.03	06/29/2017	18:31
17	I3959-09		1	5.03	50	2.00	7.82	8.68	0.86	1.14	0.62	49.30	06/29/2017	18:33
18	I3959-12		1	5.06	50	2.00	8.68	9.40	0.72	1.28	0.76	60.08	06/29/2017	18:36

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