

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB86321

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2169
IODINE SOLUTION .025N 1L	W2178
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	PB97543BL		1	5.00	50	5.00	0.00	4.50	4.50	0.50	0.00	0.00	03/11/2017	11:30
2	I2174-19		1	5.04	50	5.00	0.00	4.00	4.00	1.00	0.50	39.68	03/11/2017	11:36
3	I2174-19DUP		1	5.03	50	5.00	4.00	8.02	4.02	0.98	0.48	38.17	03/11/2017	11:42
4	I2174-20		1	5.03	50	5.00	0.00	3.88	3.88	1.12	0.62	49.30	03/11/2017	12:00
5	I2174-21		1	5.04	50	5.00	0.00	4.02	4.02	0.98	0.48	38.10	03/11/2017	12:05
6	I2174-22		1	5.05	50	5.00	0.00	3.96	3.96	1.04	0.54	42.77	03/11/2017	12:10
7	I2174-23		1	5.04	50	5.00	3.96	8.24	4.28	0.72	0.22	17.46	03/11/2017	12:16
8	I2174-24		1	5.05	50	5.00	0.00	3.84	3.84	1.16	0.66	52.28	03/11/2017	12:22
9	I2174-25		1	5.03	50	5.00	3.84	7.66	3.82	1.18	0.68	54.08	03/11/2017	12:27
10	I2174-26		1	5.04	50	5.00	0.00	3.86	3.86	1.14	0.64	50.79	03/11/2017	12:32
11	I2174-27		1	5.03	50	5.00	0.00	4.46	4.46	0.54	0.04	3.18	03/11/2017	12:40
12	I2199-21		1	5.04	50	5.00	4.46	8.86	4.40	0.60	0.10	7.94	03/11/2017	12:45

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	I2199-22		1	5.05	50	5.00	0.00	4.26	4.26	0.74	0.24	19.01	03/11/2017	12:50
14	I2199-23		1	5.06	50	5.00	4.26	8.38	4.12	0.88	0.38	30.04	03/11/2017	12:56
15	I2199-24		1	5.03	50	5.00	0.00	4.06	4.06	0.94	0.44	34.99	03/11/2017	13:02
16	I2199-25		1	5.04	50	5.00	4.06	8.34	4.28	0.72	0.22	17.46	03/11/2017	13:07
17	I2199-26		1	5.03	50	5.00	0.00	4.26	4.26	0.74	0.24	19.09	03/11/2017	13:04
18	I2199-27		1	5.04	50	5.00	4.26	8.36	4.10	0.90	0.40	31.75	03/11/2017	13:10
19	I2199-28		1	5.03	50	5.00	0.00	4.26	4.26	0.74	0.24	19.09	03/11/2017	13:15
20	I2199-29		1	5.02	50	5.00	4.26	8.14	3.88	1.12	0.62	49.40	03/11/2017	13:20
21	I2199-30		1	5.04	50	5.00	0.00	4.46	4.46	0.54	0.04	3.17	03/11/2017	13:25

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