

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90403

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	PB102690BL		1	5.02	50	2.00	0.00	1.64	1.64	0.36	0.00	0.00	09/28/2017	13:32
2	I5450-13		1	5.04	50	2.00	0.00	1.62	1.62	0.38	0.02	1.59	09/28/2017	13:35
3	I5450-13DUP		1	5.03	50	2.00	1.62	3.22	1.60	0.40	0.04	3.18	09/28/2017	13:38
4	I5450-14		1	5.04	50	2.00	3.22	4.86	1.64	0.36	0.00	0.00	09/28/2017	13:40
5	I5450-15		1	5.05	50	2.00	4.86	6.46	1.60	0.40	0.04	3.17	09/28/2017	13:42
6	I5450-16		1	5.04	50	2.00	6.46	8.06	1.60	0.40	0.04	3.17	09/28/2017	13:45
7	I5450-17		1	5.03	50	2.00	0.00	1.52	1.52	0.48	0.12	9.54	09/28/2017	13:48
8	I5450-18		1	5.04	50	2.00	1.52	2.90	1.38	0.62	0.26	20.63	09/28/2017	13:50
9	I5450-19		1	5.02	50	2.00	2.90	4.14	1.24	0.76	0.40	31.87	09/28/2017	13:52
10	I5450-20		1	5.06	50	2.00	4.14	5.46	1.32	0.68	0.32	25.30	09/28/2017	13:55
11	I5450-21		1	5.04	50	2.00	5.46	6.78	1.32	0.68	0.32	25.40	09/28/2017	13:58
12	I5450-22		1	5.05	50	2.00	6.78	8.14	1.36	0.64	0.28	22.18	09/28/2017	14:02

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	I5450-23		1	5.03	50	2.00	0.00	1.32	1.32	0.68	0.32	25.45	09/28/2017	14:05
14	I5450-24		1	5.04	50	2.00	1.32	2.62	1.30	0.70	0.34	26.98	09/28/2017	14:08
15	I5472-02		1	5.03	50	2.00	2.62	3.82	1.20	0.80	0.44	34.99	09/28/2017	14:10
16	I5473-03		1	5.06	50	2.00	3.82	5.08	1.26	0.74	0.38	30.04	09/28/2017	14:12
17	I5475-03		1	5.05	50	2.00	5.08	6.24	1.16	0.84	0.48	38.02	09/28/2017	14:15
18	I5478-01		1	5.06	50	2.00	6.24	7.42	1.18	0.82	0.46	36.36	09/28/2017	14:18
19	I5481-03		1	5.04	50	2.00	0.00	1.02	1.02	0.98	0.62	49.21	09/28/2017	14:20
20	I5487-03		1	5.02	50	2.00	1.02	2.02	1.00	1.00	0.64	51.00	09/28/2017	14:22
21	I5491-03		1	5.04	50	2.00	2.02	2.82	0.80	1.20	0.84	66.67	09/28/2017	14:25

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