

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90851

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	PB103338BL		1	5.02	50	2.00	0.00	1.70	1.70	0.30	0.00	0.00	10/16/2017	14:32
2	I5890-18		1	5.04	50	2.00	0.00	1.62	1.62	0.38	0.08	6.35	10/16/2017	14:35
3	I5890-18DUP		1	5.03	50	2.00	1.62	3.22	1.60	0.40	0.10	7.95	10/16/2017	14:38
4	I5890-19		1	5.04	50	2.00	3.22	4.88	1.66	0.34	0.04	3.17	10/16/2017	14:40
5	I5898-03		1	5.05	50	2.00	4.88	6.52	1.64	0.36	0.06	4.75	10/16/2017	14:42
6	I5906-11		1	5.04	50	2.00	6.52	8.16	1.64	0.36	0.06	4.76	10/16/2017	14:45
7	I5906-12		1	5.06	50	2.00	0.00	1.62	1.62	0.38	0.08	6.32	10/16/2017	14:48
8	I5906-13		1	5.05	50	2.00	1.62	3.22	1.60	0.40	0.10	7.92	10/16/2017	14:50
9	I5906-14		1	5.03	50	2.00	3.22	4.76	1.54	0.46	0.16	12.72	10/16/2017	14:52
10	I5906-15		1	5.04	50	2.00	4.76	6.26	1.50	0.50	0.20	15.87	10/16/2017	14:55
11	I5906-16		1	5.03	50	2.00	6.26	7.80	1.54	0.46	0.16	12.72	10/16/2017	14:58
12	I5906-17		1	5.04	50	2.00	0.00	1.58	1.58	0.42	0.12	9.52	10/16/2017	15:02

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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13	I5906-18		1	5.03	50	2.00	1.58	2.88	1.30	0.70	0.40	31.81	10/16/2017	15:05
14	I5906-19		1	5.03	50	2.00	2.88	4.38	1.50	0.50	0.20	15.90	10/16/2017	15:08
15	I5906-20		1	5.03	50	2.00	4.38	5.68	1.30	0.70	0.40	31.81	10/16/2017	15:10
16	I5907-02		1	5.06	50	2.00	5.68	7.10	1.42	0.58	0.28	22.13	10/16/2017	15:12
17	I5908-03		1	5.09	50	2.00	7.10	8.60	1.50	0.50	0.20	15.72	10/16/2017	15:15

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