

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91524

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2261
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	PB104169BL		1	5.02	50	2.00	0.00	1.66	1.66	0.34	0.00	0.00	11/10/2017	14:30
2	I6299-04		1	5.04	50	2.00	1.66	3.30	1.64	0.36	0.02	1.59	11/10/2017	14:32
3	I6299-04DUP		1	5.03	50	2.00	0.00	1.66	1.66	0.34	0.00	0.00	11/10/2017	14:35
4	I6399-07		1	5.04	50	2.00	1.66	3.20	1.54	0.46	0.12	9.52	11/10/2017	14:38
5	I6399-12		1	5.05	50	2.00	3.20	4.82	1.62	0.38	0.04	3.17	11/10/2017	14:40
6	I6399-18		1	5.04	50	2.00	4.82	6.30	1.48	0.52	0.18	14.29	11/10/2017	14:42
7	I6399-23		1	5.03	50	2.00	6.30	7.74	1.44	0.56	0.22	17.50	11/10/2017	14:45
8	I6407-02		1	5.04	50	2.00	7.74	9.24	1.50	0.50	0.16	12.70	11/10/2017	14:48
9	I6407-05		1	5.03	50	2.00	0.00	1.50	1.50	0.50	0.16	12.72	11/10/2017	14:50
10	I6407-07		1	5.04	50	2.00	1.50	3.08	1.58	0.42	0.08	6.35	11/10/2017	14:52
11	I6408-04		1	5.03	50	2.00	3.08	4.44	1.36	0.64	0.30	23.86	11/10/2017	14:55
12	I6409-02		1	5.04	50	2.00	4.44	5.80	1.36	0.64	0.30	23.81	11/10/2017	14:58

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	I6409-04		1	5.03	50	2.00	5.80	7.22	1.42	0.58	0.24	19.09	11/10/2017	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