

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87182

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2169
IODINE SOLUTION .025N 1L	W2205
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	PB98590BL		1	5.02	50	5.00	0.00	4.60	4.60	0.40	0.00	0.00	05/01/2017	15:00
2	I2897-01		1	5.05	50	5.00	0.00	4.58	4.58	0.42	0.02	1.58	05/01/2017	15:04
3	I2897-01DUP		1	5.04	50	5.00	4.58	9.14	4.56	0.44	0.04	3.17	05/01/2017	15:08
4	I2914-11		1	5.05	50	5.00	0.00	4.46	4.46	0.54	0.14	11.09	05/01/2017	15:13
5	I2914-12		1	5.06	50	5.00	4.46	8.90	4.44	0.56	0.16	12.65	05/01/2017	15:18
6	I2914-13		1	5.04	50	5.00	0.00	4.26	4.26	0.74	0.34	26.98	05/01/2017	15:22
7	I2914-14		1	5.06	50	5.00	4.26	8.60	4.34	0.66	0.26	20.55	05/01/2017	15:25
8	I2916-07		1	5.07	50	5.00	0.00	4.08	4.08	0.92	0.52	41.03	05/01/2017	15:28
9	I2916-08		1	5.08	50	5.00	4.08	8.20	4.12	0.88	0.48	37.80	05/01/2017	15:32
10	I2916-09		1	5.09	50	5.00	0.00	4.10	4.10	0.90	0.50	39.29	05/01/2017	15:35
11	I2919-05		1	5.05	50	5.00	4.10	8.32	4.22	0.78	0.38	30.10	05/01/2017	15:38
12	I2920-04		1	5.06	50	5.00	0.00	4.08	4.08	0.92	0.52	41.11	05/01/2017	15:42

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	I2920-09		1	5.07	50	5.00	4.08	8.20	4.12	0.88	0.48	37.87	05/01/2017	15:45
14	I2920-14		1	5.06	50	5.00	0.00	3.98	3.98	1.02	0.62	49.01	05/01/2017	15:50

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