

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87656

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	PB99230BL		1	5.02	50	5.00	0.00	4.34	4.34	0.66	0.00	0.00	05/23/2017	15:30
2	I3269-21		1	5.04	50	5.00	0.00	4.28	4.28	0.72	0.06	4.76	05/23/2017	15:34
3	I3269-21DUP		1	5.03	50	5.00	0.00	4.26	4.26	0.74	0.08	6.36	05/23/2017	15:37
4	I3269-22		1	5.04	50	5.00	0.00	4.14	4.14	0.86	0.20	15.87	05/23/2017	15:40
5	I3269-23		1	5.05	50	5.00	4.14	8.42	4.28	0.72	0.06	4.75	05/23/2017	15:43
6	I3269-24		1	5.04	50	5.00	0.00	4.04	4.04	0.96	0.30	23.81	05/23/2017	15:47
7	I3269-25		1	5.03	50	5.00	4.04	8.10	4.06	0.94	0.28	22.27	05/23/2017	15:50
8	I3269-26		1	5.04	50	5.00	0.00	4.06	4.06	0.94	0.28	22.22	05/23/2017	15:53
9	I3269-27		1	5.03	50	5.00	4.06	8.02	3.96	1.04	0.38	30.22	05/23/2017	15:57
10	I3269-28		1	5.04	50	5.00	0.00	3.90	3.90	1.10	0.44	34.92	05/23/2017	16:00
11	I3269-29		1	5.03	50	5.00	3.90	7.76	3.86	1.14	0.48	38.17	05/23/2017	16:04
12	I3269-30		1	5.04	50	5.00	0.00	3.92	3.92	1.08	0.42	33.33	05/23/2017	16:08

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	I3271-03		1	5.03	50	5.00	3.92	7.72	3.80	1.20	0.54	42.94	05/23/2017	16:12
14	I3290-05		1	5.04	50	5.00	0.00	3.92	3.92	1.08	0.42	33.33	05/23/2017	16:15
15	I3290-10		1	5.03	50	5.00	3.92	7.48	3.56	1.44	0.78	62.03	05/23/2017	16:18

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