

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88389

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2236
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	PB100219BL		1	5.02	50	5.00	0.00	3.78	3.78	1.22	0.00	0.00	06/27/2017	18:45
2	I3851-13		1	5.04	50	5.00	0.00	3.74	3.74	1.26	0.04	3.17	06/27/2017	18:46
3	I3851-13DUP		1	5.03	50	5.00	3.74	7.50	3.76	1.24	0.02	1.59	06/27/2017	18:49
4	I3851-14		1	5.04	50	5.00	0.00	3.78	3.78	1.22	0.00	0.00	06/27/2017	18:52
5	I3851-15		1	5.05	50	5.00	0.00	3.76	3.76	1.24	0.02	1.58	06/27/2017	18:54
6	I3851-16		1	5.04	50	5.00	3.76	7.50	3.74	1.26	0.04	3.17	06/27/2017	18:56
7	I3851-17		1	5.03	50	5.00	0.00	3.58	3.58	1.42	0.20	15.90	06/27/2017	18:57
8	I3851-18		1	5.04	50	5.00	3.58	7.18	3.60	1.40	0.18	14.29	06/27/2017	19:00
9	I3851-19		1	5.03	50	5.00	0.00	3.42	3.42	1.58	0.36	28.63	06/27/2017	19:01
10	I3851-20		1	5.04	50	5.00	3.42	6.72	3.30	1.70	0.48	38.10	06/27/2017	19:04
11	I3851-21		1	5.03	50	5.00	0.00	3.44	3.44	1.56	0.34	27.04	06/27/2017	19:05
12	I3851-22		1	5.04	50	5.00	3.44	6.82	3.38	1.62	0.40	31.75	06/27/2017	19:09

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	I3851-23		1	5.03	50	5.00	0.00	3.34	3.34	1.66	0.44	34.99	06/27/2017	19:11
14	I3851-24		1	5.04	50	5.00	3.34	6.50	3.16	1.84	0.62	49.21	06/27/2017	19:14
15	I3925-03		1	5.03	50	5.00	0.00	3.30	3.30	1.70	0.48	38.17	06/27/2017	19:15
16	I3926-05		1	5.04	50	5.00	3.30	6.44	3.14	1.86	0.64	50.79	06/27/2017	19:18
17	I3926-10		1	5.03	50	5.00	0.00	3.06	3.06	1.94	0.72	57.26	06/27/2017	19:20
18	I3931-03		1	5.06	50	5.00	3.06	6.12	3.06	1.94	0.72	56.92	06/27/2017	19:23
19	I3932-05		1	5.04	50	5.00	6.12	9.08	2.96	2.04	0.82	65.08	06/27/2017	19:25

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