

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87728

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	PB99306BL		1	5.02	50	5.00	0.00	4.64	4.64	0.36	0.00	0.00	05/26/2017	09:00
2	I3331-16		1	5.04	50	5.00	0.00	4.26	4.26	0.74	0.38	30.16	05/26/2017	09:05
3	I3331-16DUP		1	5.03	50	5.00	4.26	8.50	4.24	0.76	0.40	31.81	05/26/2017	09:09
4	I3331-17		1	5.04	50	5.00	0.00	4.30	4.30	0.70	0.34	26.98	05/26/2017	09:12
5	I3331-18		1	5.05	50	5.00	4.30	8.64	4.34	0.66	0.30	23.76	05/26/2017	09:15
6	I3331-19		1	5.04	50	5.00	0.00	4.14	4.14	0.86	0.50	39.68	05/26/2017	09:18
7	I3331-20		1	5.03	50	5.00	4.14	8.52	4.38	0.62	0.26	20.68	05/26/2017	09:22
8	I3332-13		1	5.04	50	5.00	0.00	4.06	4.06	0.94	0.58	46.03	05/26/2017	09:25
9	I3332-14		1	5.03	50	5.00	4.06	8.30	4.24	0.76	0.40	31.81	05/26/2017	09:30
10	I3332-15		1	5.04	50	5.00	0.00	4.20	4.20	0.80	0.44	34.92	05/26/2017	09:34
11	I3332-16		1	5.03	50	5.00	4.20	8.48	4.28	0.72	0.36	28.63	05/26/2017	09:38
12	I3340-07		1	5.04	50	5.00	0.00	4.16	4.16	0.84	0.48	38.10	05/26/2017	09:41

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	I3345-07		1	5.03	50	5.00	4.16	8.30	4.14	0.86	0.50	39.76	05/26/2017	09:45
14	I3346-13		1	5.04	50	5.00	0.00	3.94	3.94	1.06	0.70	55.56	05/26/2017	09:48
15	I3347-04		1	5.03	50	5.00	3.94	7.84	3.90	1.10	0.74	58.85	05/26/2017	09:52
16	I3347-06		1	5.04	50	5.00	0.00	4.00	4.00	1.00	0.64	50.79	05/26/2017	09:55
17	I3349-02		1	5.03	50	5.00	4.00	7.82	3.82	1.18	0.82	65.21	05/26/2017	09:58

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