

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB115133

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP90938
IODINE SOLUTION .025N 1L	W2763
Starch Solution, 4L	W2703

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	PB137383BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	06/28/2021	13:45
2	M2856-21		1	5.05	50	2.00	1.90	3.76	1.86	0.14	0.04	3.17	06/28/2021	13:48
3	M2856-21DUP		1	5.04	50	2.00	3.76	5.64	1.88	0.12	0.02	1.59	06/28/2021	13:50
4	M2856-22		1	5.08	50	2.00	5.64	7.48	1.84	0.16	0.06	4.72	06/28/2021	13:52
5	M2856-23		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.08	6.35	06/28/2021	13:55
6	M2856-24		1	5.06	50	2.00	1.82	3.70	1.88	0.12	0.02	1.58	06/28/2021	13:58
7	M2856-25		1	5.03	50	2.00	3.70	5.56	1.86	0.14	0.04	3.18	06/28/2021	14:00
8	M2856-26		1	5.04	50	2.00	5.56	7.40	1.84	0.16	0.06	4.76	06/28/2021	14:02
9	M2856-27		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.04	3.16	06/28/2021	14:05
10	M2856-28		1	5.05	50	2.00	1.86	3.70	1.84	0.16	0.06	4.75	06/28/2021	14:08
11	M2856-29		1	5.06	50	2.00	3.70	5.50	1.80	0.20	0.10	7.91	06/28/2021	14:10
12	M2856-30		1	5.08	50	2.00	5.50	7.32	1.82	0.18	0.08	6.30	06/28/2021	14:12

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	M2857-17		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.06	4.74	06/28/2021	14:15
14	M2857-18		1	5.05	50	2.00	1.84	3.66	1.82	0.18	0.08	6.34	06/28/2021	14:18
15	M2857-19		1	5.04	50	2.00	3.66	5.52	1.86	0.14	0.04	3.17	06/28/2021	14:20
16	M2857-20		1	5.03	50	2.00	5.52	7.40	1.88	0.12	0.02	1.59	06/28/2021	14:22
17	M2857-21		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.04	3.17	06/28/2021	14:25
18	M2857-22		1	5.06	50	2.00	1.86	3.68	1.82	0.18	0.08	6.32	06/28/2021	14:28
19	M2857-23		1	5.07	50	2.00	3.68	5.48	1.80	0.20	0.10	7.89	06/28/2021	14:30
20	M2857-24		1	5.05	50	2.00	5.48	7.30	1.82	0.18	0.08	6.34	06/28/2021	14:32

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