

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB114751

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	PB136797BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	06/03/2021	11:40
2	M2580-18		1	5.03	50	2.00	1.94	3.84	1.90	0.10	0.04	3.18	06/03/2021	11:42
3	M2580-18DUP		1	5.02	50	2.00	3.84	5.76	1.92	0.08	0.02	1.59	06/03/2021	11:45
4	M2580-19		1	5.05	50	2.00	5.76	7.62	1.86	0.14	0.08	6.34	06/03/2021	11:48
5	M2580-20		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.10	7.94	06/03/2021	11:52
6	M2580-21		1	5.06	50	2.00	1.84	3.70	1.86	0.14	0.08	6.32	06/03/2021	11:55
7	M2580-22		1	5.02	50	2.00	3.70	5.58	1.88	0.12	0.06	4.78	06/03/2021	11:58
8	M2580-23		1	5.04	50	2.00	5.58	7.42	1.84	0.16	0.10	7.94	06/03/2021	12:02
9	M2580-24		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.08	6.36	06/03/2021	12:05
10	M2580-25		1	5.04	50	2.00	1.86	3.68	1.82	0.18	0.12	9.52	06/03/2021	12:08
11	M2580-26		1	5.05	50	2.00	3.68	5.52	1.84	0.16	0.10	7.92	06/03/2021	12:12
12	M2580-27		1	5.06	50	2.00	5.52	7.40	1.88	0.12	0.06	4.74	06/03/2021	12:15

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	M2580-28		1	5.08	50	2.00	0.00	1.88	1.88	0.12	0.06	4.72	06/03/2021	12:18
14	M2580-29		1	5.06	50	2.00	1.88	3.72	1.84	0.16	0.10	7.91	06/03/2021	12:20
15	M2580-30		1	5.05	50	2.00	3.72	5.58	1.86	0.14	0.08	6.34	06/03/2021	12:22
16	M2580-31		1	5.03	50	2.00	5.58	7.40	1.82	0.18	0.12	9.54	06/03/2021	12:25
17	M2580-32		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	06/03/2021	12:28
18	M2580-33		1	5.06	50	2.00	1.86	3.70	1.84	0.16	0.10	7.91	06/03/2021	12:32
19	M2580-34		1	5.07	50	2.00	3.70	5.60	1.90	0.10	0.04	3.16	06/03/2021	12:35

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