

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB114135

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP90315
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	PB135950BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	04/23/2021	14:15
2	M2125-01		1	5.05	50	2.00	1.92	3.80	1.88	0.12	0.04	3.17	04/23/2021	14:18
3	M2125-01DUP		1	5.02	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	04/23/2021	14:22
4	M2139-01		1	5.03	50	2.00	5.70	7.56	1.86	0.14	0.06	4.77	04/23/2021	14:25
5	M2140-01		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	04/23/2021	14:28
6	M2140-03		1	5.03	50	2.00	1.84	3.70	1.86	0.14	0.06	4.77	04/23/2021	14:32
7	M2141-01		1	5.06	50	2.00	3.70	5.50	1.80	0.20	0.12	9.49	04/23/2021	14:35
8	M2141-03		1	5.04	50	2.00	5.50	7.32	1.82	0.18	0.10	7.94	04/23/2021	14:38
9	M2141-05		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	04/23/2021	14:40
10	M2149-02		1	5.04	50	2.00	1.86	3.70	1.84	0.16	0.08	6.35	04/23/2021	14:42
11	M2149-05		1	5.05	50	2.00	3.70	5.52	1.82	0.18	0.10	7.92	04/23/2021	14:45
12	M2149-08		1	5.06	50	2.00	5.52	7.32	1.80	0.20	0.12	9.49	04/23/2021	14:48

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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Normality2: 0.025

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13	M2149-11		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	04/23/2021	14:50
14	M2149-14		1	5.05	50	2.00	1.84	3.66	1.82	0.18	0.10	7.92	04/23/2021	14:52

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