

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB117010

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

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2864
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	PB140219BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	10/25/2021	16:10
2	M4325-02		1	5.05	50	2.00	1.92	3.80	1.88	0.12	0.04	3.17	10/25/2021	16:12
3	M4325-02DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	10/25/2021	16:15
4	M4325-04		1	5.07	50	2.00	5.70	7.56	1.86	0.14	0.06	4.73	10/25/2021	16:18
5	M4326-01		1	5.09	50	2.00	0.00	1.84	1.84	0.16	0.08	6.29	10/25/2021	16:20
6	M4326-02		1	5.08	50	2.00	1.84	3.70	1.86	0.14	0.06	4.72	10/25/2021	16:22
7	M4326-03		1	5.06	50	2.00	3.70	5.52	1.82	0.18	0.10	7.91	10/25/2021	16:25
8	M4330-02		1	5.05	50	2.00	5.52	7.36	1.84	0.16	0.08	6.34	10/25/2021	16:28
9	M4332-03		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	10/25/2021	16:30
10	M4332-07		1	5.07	50	2.00	1.86	3.68	1.82	0.18	0.10	7.89	10/25/2021	16:32
11	M4332-11		1	5.06	50	2.00	3.68	5.54	1.86	0.14	0.06	4.74	10/25/2021	16:35
12	M4332-15		1	5.05	50	2.00	5.54	7.38	1.84	0.16	0.08	6.34	10/25/2021	16:38

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	M4340-02		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	10/25/2021	16:40
14	M4340-05		1	5.09	50	2.00	1.88	3.78	1.90	0.10	0.02	1.57	10/25/2021	16:42
15	M4340-08		1	5.08	50	2.00	3.78	5.64	1.86	0.14	0.06	4.72	10/25/2021	16:45
16	M4340-11		1	5.05	50	2.00	5.64	7.48	1.84	0.16	0.08	6.34	10/25/2021	16:48

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