

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB114462

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	PB136406BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	05/14/2021	13:35
2	M2364-02		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.04	3.19	05/14/2021	13:38
3	M2364-02DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	05/14/2021	13:42
4	M2367-02		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	05/14/2021	13:45
5	M2367-06		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	05/14/2021	13:48
6	M2370-02		1	5.06	50	2.00	1.84	3.70	1.86	0.14	0.06	4.74	05/14/2021	13:52
7	M2371-02		1	5.03	50	2.00	3.70	5.52	1.82	0.18	0.10	7.95	05/14/2021	13:55
8	M2392-03		1	5.04	50	2.00	5.52	7.36	1.84	0.16	0.08	6.35	05/14/2021	13:58
9	M2392-06		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	05/14/2021	14:02
10	M2392-09		1	5.03	50	2.00	1.86	3.74	1.88	0.12	0.04	3.18	05/14/2021	14:05
11	M2392-12		1	5.05	50	2.00	3.74	5.60	1.86	0.14	0.06	4.75	05/14/2021	14:08
12	M2392-15		1	5.03	50	2.00	5.60	7.44	1.84	0.16	0.08	6.36	05/14/2021	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	M2392-18		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	05/14/2021	14:15
14	M2392-21		1	5.06	50	2.00	1.88	3.72	1.84	0.16	0.08	6.32	05/14/2021	14:18
15	M2392-24		1	5.05	50	2.00	3.72	5.60	1.88	0.12	0.04	3.17	05/14/2021	14:22

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