

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB115186

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	PB137450BL		1	5.00	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	07/01/2021	17:35
2	M2894-02		1	5.02	50	2.00	1.88	3.70	1.82	0.18	0.06	4.78	07/01/2021	17:38
3	M2894-02DUP		1	5.04	50	2.00	3.70	5.54	1.84	0.16	0.04	3.17	07/01/2021	17:40
4	M2900-01		1	5.05	50	2.00	5.54	7.40	1.86	0.14	0.02	1.58	07/01/2021	17:42
5	M2908-01		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.04	3.19	07/01/2021	17:45
6	M2913-02		1	5.04	50	2.00	1.84	3.70	1.86	0.14	0.02	1.59	07/01/2021	17:48
7	M2913-04		1	5.06	50	2.00	3.70	5.50	1.80	0.20	0.08	6.32	07/01/2021	17:50
8	M2913-06		1	5.07	50	2.00	5.50	7.32	1.82	0.18	0.06	4.73	07/01/2021	17:52
9	M2913-08		1	5.09	50	2.00	0.00	1.80	1.80	0.20	0.08	6.29	07/01/2021	17:55
10	M2913-10		1	5.03	50	2.00	1.80	3.64	1.84	0.16	0.04	3.18	07/01/2021	17:58
11	M2913-12		1	5.05	50	2.00	3.64	5.50	1.86	0.14	0.02	1.58	07/01/2021	18:00
12	M2913-14		1	5.06	50	2.00	5.50	7.32	1.82	0.18	0.06	4.74	07/01/2021	18:02

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	M2913-16		1	5.04	50	2.00	0.00	1.78	1.78	0.22	0.10	7.94	07/01/2021	18:05
14	M2913-18		1	5.03	50	2.00	1.78	3.60	1.82	0.18	0.06	4.77	07/01/2021	18:08

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