

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB115350

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	PB137682BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	07/14/2021	13:05
2	M3012-02		1	5.03	50	2.00	1.94	3.84	1.90	0.10	0.04	3.18	07/14/2021	13:08
3	M3012-02DUP		1	5.04	50	2.00	3.84	5.76	1.92	0.08	0.02	1.59	07/14/2021	13:12
4	M3012-05		1	5.05	50	2.00	5.76	7.60	1.84	0.16	0.10	7.92	07/14/2021	13:15
5	M3013-02		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	07/14/2021	13:18
6	M3026-03		1	5.02	50	2.00	1.86	3.70	1.84	0.16	0.10	7.97	07/14/2021	13:20
7	M3026-06		1	5.03	50	2.00	3.70	5.58	1.88	0.12	0.06	4.77	07/14/2021	13:22
8	M3026-09		1	5.04	50	2.00	5.58	7.40	1.82	0.18	0.12	9.52	07/14/2021	13:25
9	M3026-12		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.10	7.97	07/14/2021	13:28

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