

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB115508

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	PB137911BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	07/23/2021	13:10
2	M3098-01		1	5.05	50	2.00	1.90	3.74	1.84	0.16	0.06	4.75	07/23/2021	13:12
3	M3098-01DUP		1	5.04	50	2.00	3.74	5.60	1.86	0.14	0.04	3.17	07/23/2021	13:15
4	M3128-02		1	5.05	50	2.00	5.60	7.42	1.82	0.18	0.08	6.34	07/23/2021	13:18
5	M3148-03		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.10	7.97	07/23/2021	13:20
6	M3150-01		1	5.03	50	2.00	1.80	3.64	1.84	0.16	0.06	4.77	07/23/2021	13:22
7	M3150-04		1	5.06	50	2.00	3.64	5.50	1.86	0.14	0.04	3.16	07/23/2021	13:25
8	M3152-01		1	5.04	50	2.00	5.50	7.32	1.82	0.18	0.08	6.35	07/23/2021	13:28
9	M3152-04		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.04	3.15	07/23/2021	13:30
10	M3152-07		1	5.07	50	2.00	1.86	3.70	1.84	0.16	0.06	4.73	07/23/2021	13:32
11	M3152-10		1	5.09	50	2.00	3.70	5.50	1.80	0.20	0.10	7.86	07/23/2021	13:35

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