

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB113958

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP90315
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	PB135674BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	04/13/2021	13:45
2	M1956-02		1	5.03	50	2.00	1.92	3.80	1.88	0.12	0.04	3.18	04/13/2021	13:48
3	M1956-02DUP		1	5.02	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	04/13/2021	13:50
4	M1982-03		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	04/13/2021	13:52
5	M1991-02		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	04/13/2021	13:55
6	M1991-06		1	5.06	50	2.00	1.84	3.70	1.86	0.14	0.06	4.74	04/13/2021	13:58
7	M1991-10		1	5.02	50	2.00	3.70	5.52	1.82	0.18	0.10	7.97	04/13/2021	14:02
8	M2008-03		1	5.03	50	2.00	5.52	7.40	1.88	0.12	0.04	3.18	04/13/2021	14:05
9	M2016-01		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	04/13/2021	14:08
10	M2017-02		1	5.01	50	2.00	1.86	3.70	1.84	0.16	0.08	6.39	04/13/2021	14:10
11	M2019-02		1	5.04	50	2.00	3.70	5.60	1.90	0.10	0.02	1.59	04/13/2021	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