

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB101536

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP71781
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2379

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	PB118145BL		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	03/21/2019	13:10
2	K1690-02		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.06	4.78	03/21/2019	13:12
3	K1690-02DUP		1	5.04	50	2.00	1.84	3.66	1.82	0.18	0.08	6.35	03/21/2019	13:15
4	K1694-02		1	5.05	50	2.00	3.66	5.52	1.86	0.14	0.04	3.17	03/21/2019	13:18
5	K1694-04		1	5.00	50	2.00	5.52	7.20	1.68	0.32	0.22	17.60	03/21/2019	13:22
6	K1694-06		1	5.02	50	2.00	0.00	1.70	1.70	0.30	0.20	15.94	03/21/2019	13:25
7	K2002-02		1	5.03	50	2.00	1.70	3.40	1.70	0.30	0.20	15.90	03/21/2019	13:28
8	K2002-04		1	5.01	50	2.00	3.40	5.18	1.78	0.22	0.12	9.58	03/21/2019	13:32
9	K2003-02		1	5.04	50	2.00	5.18	6.84	1.66	0.34	0.24	19.05	03/21/2019	13:35
10	K2010-04		1	5.03	50	2.00	6.84	8.60	1.76	0.24	0.14	11.13	03/21/2019	13:38
11	K2036-09		1	5.04	50	2.00	0.00	1.76	1.76	0.24	0.14	11.11	03/21/2019	13:40

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