

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108019

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP81413
IODINE SOLUTION .025N 1L	W2508
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	PB127159BL		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	02/28/2020	13:20
2	L1363-10		1	5.05	50	2.00	1.92	3.82	1.90	0.10	0.02	1.58	02/28/2020	13:22
3	L1363-10DUP		1	5.04	50	2.00	3.82	5.70	1.88	0.12	0.04	3.17	02/28/2020	13:25
4	L1373-06		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	02/28/2020	13:28
5	L1701-01		1	5.00	50	2.00	0.00	1.84	1.84	0.16	0.08	6.40	02/28/2020	13:30
6	L1718-03		1	5.02	50	2.00	1.84	3.70	1.86	0.14	0.06	4.78	02/28/2020	13:32
7	L1718-06		1	5.03	50	2.00	3.70	5.58	1.88	0.12	0.04	3.18	02/28/2020	13:35
8	L1718-09		1	5.04	50	2.00	5.58	7.42	1.84	0.16	0.08	6.35	02/28/2020	13:38
9	L1718-12		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	02/28/2020	13:40
10	L1719-05		1	5.01	50	2.00	1.90	3.76	1.86	0.14	0.06	4.79	02/28/2020	13:42

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