

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB107934

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	PB127037BL		1	5.04	50	2.00	0.00	1.98	1.98	0.02	0.00	0.00	02/24/2020	11:50
2	L1593-02		1	5.02	50	2.00	1.98	3.94	1.96	0.04	0.02	1.59	02/24/2020	11:52
3	L1593-02DUP		1	5.04	50	2.00	3.94	5.88	1.94	0.06	0.04	3.17	02/24/2020	11:55
4	L1657-04		1	5.05	50	2.00	5.88	7.76	1.88	0.12	0.10	7.92	02/24/2020	11:58
5	L1657-08		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.04	3.20	02/24/2020	12:01
6	L1659-01		1	5.02	50	2.00	1.94	3.80	1.86	0.14	0.12	9.56	02/24/2020	12:03
7	L1659-04		1	5.03	50	2.00	3.80	5.68	1.88	0.12	0.10	7.95	02/24/2020	12:05

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