

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB111634

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP87313
IODINE SOLUTION .025N 1L	W2670
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	PB132532BL		1	5.01	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	10/21/2020	13:15
2	L4221-14		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.04	3.19	10/21/2020	13:18
3	L4221-14DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	10/21/2020	13:22
4	L4467-02		1	5.05	50	2.00	5.70	7.54	1.84	0.16	0.08	6.34	10/21/2020	13:25
5	L4467-04		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	10/21/2020	13:28
6	L4467-06		1	5.06	50	2.00	1.86	3.68	1.82	0.18	0.10	7.91	10/21/2020	13:32
7	L4468-02		1	5.02	50	2.00	3.68	5.52	1.84	0.16	0.08	6.37	10/21/2020	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