

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB110877

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP86633
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	PB131502BL		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	09/09/2020	13:40
2	L3870-05		1	5.02	50	2.00	1.88	3.70	1.82	0.18	0.06	4.78	09/09/2020	13:42
3	L3870-05DUP		1	5.04	50	2.00	3.70	5.54	1.84	0.16	0.04	3.17	09/09/2020	13:45
4	L3931-02		1	5.05	50	2.00	5.54	7.34	1.80	0.20	0.08	6.34	09/09/2020	13:48
5	L3931-04		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.04	3.17	09/09/2020	13:50
6	L3932-02		1	5.06	50	2.00	1.84	3.66	1.82	0.18	0.06	4.74	09/09/2020	13:52
7	L3939-04		1	5.02	50	2.00	3.66	5.50	1.84	0.16	0.04	3.19	09/09/2020	13:55

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