

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB112376

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	W2763
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	PB133549BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	12/14/2020	15:40
2	L5022-01		1	5.02	50	2.00	1.90	3.76	1.86	0.14	0.04	3.19	12/14/2020	15:42
3	L5022-01DUP		1	5.04	50	2.00	3.76	5.64	1.88	0.12	0.02	1.59	12/14/2020	15:45
4	L5065-01		1	5.05	50	2.00	5.64	7.50	1.86	0.14	0.04	3.17	12/14/2020	15:48
5	L5065-02		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	12/14/2020	15:50
6	L5065-03		1	5.04	50	2.00	1.88	3.72	1.84	0.16	0.06	4.76	12/14/2020	15:52
7	L5065-04		1	5.03	50	2.00	3.72	5.58	1.86	0.14	0.04	3.18	12/14/2020	15:55

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