

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB101052

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP71781
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2379

Seq	Lab ID	True Value (mg/l)	DF	Initial Volume (mL)	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	PB117411BL		1	50	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	02/27/2019	15:15
2	K1605-02		1	50	50	2.00	1.86	3.62	1.76	0.24	0.10	0.80	02/27/2019	15:18
3	K1605-02DUP		1	50	50	2.00	3.62	5.36	1.74	0.26	0.12	0.96	02/27/2019	15:22
4	K1631-14		1	50	50	2.00	5.36	7.08	1.72	0.28	0.14	1.12	02/27/2019	15:25

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