

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB107572

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 Volume (mL)	Final Volume (mL)	T1 (mL)	T2 Initial	T2 Final	T2 Diff. (mL)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	AnalDate	Anal Time
1	PB126611BL		1	50	50	5.00	0.00	4.90	4.90	0.10	0.00	0.00	02/05/2020	16:42
2	PB126611BS	25	1	50	50	5.00	0.00	2.38	2.38	2.62	2.52	20.16	02/05/2020	16:45
3	L1161-07		1	50	50	5.00	0.00	4.86	4.86	0.14	0.04	0.32	02/05/2020	16:47
4	L1161-08		1	50	50	5.00	0.00	4.80	4.80	0.20	0.10	0.80	02/05/2020	16:50

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