

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB107817

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 Weight (g)	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	PB126900BL		1	5.03	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	02/18/2020	14:20
2	PB126900BS	250	1	5.02	50	5.00	0.00	2.38	2.38	2.62	2.54	202.39	02/18/2020	14:23
3	L1548-01		1	5.02	50	5.00	0.00	4.58	4.58	0.42	0.34	27.09	02/18/2020	14:25
4	L1548-01DUP		1	5.04	50	5.00	0.00	4.60	4.60	0.40	0.32	25.40	02/18/2020	14:28
5	L1548-01MS	250	1	5.05	50	5.00	0.00	2.62	2.62	2.38	2.30	182.18	02/18/2020	14:32
6	L1548-01MSD	250	1	5.05	50	5.00	2.62	5.22	2.60	2.40	2.32	183.76	02/18/2020	14:35

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