

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB105594

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP77620
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	PB123800BL		1	5.02	50	5.00	0.00	5.00	5.00	0.00	0.00	0.00	10/09/2019	14:15
2	PB123800BS	250	1	5.03	50	5.00	0.00	2.42	2.42	2.58	2.58	205.17	10/09/2019	14:18
3	K5281-01		1	5.02	50	5.00	0.00	4.92	4.92	0.08	0.08	6.37	10/09/2019	14:22
4	K5281-01DUP		1	5.04	50	5.00	4.92	9.86	4.94	0.06	0.06	4.76	10/09/2019	14:25
5	K5281-01MS	250	1	5.05	50	5.00	0.00	3.02	3.02	1.98	1.98	156.83	10/09/2019	14:28
6	K5281-01MSD	250	1	5.05	50	5.00	3.02	6.06	3.04	1.96	1.96	155.25	10/09/2019	14:32

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