

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB105475

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	PB123626BL		1	5.03	50	5.00	0.00	4.96	4.96	0.04	0.00	0.00	10/03/2019	14:05
2	PB123626BS	250	1	5.04	50	5.00	0.00	2.32	2.32	2.68	2.64	209.52	10/03/2019	14:08
3	K5111-01		1	5.02	50	5.00	0.00	4.90	4.90	0.10	0.06	4.78	10/03/2019	14:12
4	K5111-02		1	5.04	50	5.00	0.00	4.84	4.84	0.16	0.12	9.52	10/03/2019	14:15
5	K5134-01		1	5.05	50	5.00	0.00	4.92	4.92	0.08	0.04	3.17	10/03/2019	14:18
6	K5134-01DUP		1	5.02	50	5.00	0.00	4.94	4.94	0.06	0.02	1.59	10/03/2019	14:22
7	K5134-01MS	250	1	5.03	50	5.00	0.00	3.02	3.02	1.98	1.94	154.27	10/03/2019	14:25
8	K5134-01MSD	250	1	5.03	50	5.00	3.02	6.06	3.04	1.96	1.92	152.68	10/03/2019	14:28

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