

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB112914

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP88904
IODINE SOLUTION .025N 1L	W2763
Starch Solution, 4L	W2703

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	PB134312BL		1	5.00	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	01/25/2021	15:25
2	PB134312BS	250	1	5.00	50	5.00	0.00	2.22	2.22	2.78	2.70	216.00	01/25/2021	15:28
3	M1209-01		1	5.02	50	5.00	0.00	4.88	4.88	0.12	0.04	3.19	01/25/2021	15:32
4	M1209-01DUP		1	5.04	50	5.00	0.00	4.90	4.90	0.10	0.02	1.59	01/25/2021	15:35
5	M1209-01MS	250	1	5.05	50	5.00	0.00	2.46	2.46	2.54	2.46	194.85	01/25/2021	15:38
6	M1209-01MSD	250	1	5.05	50	5.00	2.46	4.94	2.48	2.52	2.44	193.27	01/25/2021	15:42

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