

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB115526

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP90938
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	PB137956BL		1	5.00	50	5.00	0.00	4.90	4.90	0.10	0.00	0.00	07/26/2021	16:05
2	PB137956BS	250	1	5.00	50	5.00	0.00	2.30	2.30	2.70	2.60	208.00	07/26/2021	16:08
3	M3150-01		1	5.02	50	5.00	0.00	4.82	4.82	0.18	0.08	6.37	07/26/2021	16:12
4	M3150-01DUP		1	5.04	50	5.00	0.00	4.82	4.82	0.18	0.08	6.35	07/26/2021	16:15
5	M3150-01MS	250	1	5.05	50	5.00	0.00	3.12	3.12	1.88	1.78	140.99	07/26/2021	16:18
6	M3150-01MSD	250	1	5.05	50	5.00	3.12	6.26	3.14	1.86	1.76	139.41	07/26/2021	16:22
7	M3150-04		1	5.02	50	5.00	0.00	4.80	4.80	0.20	0.10	7.97	07/26/2021	16:25
8	M3171-01		1	5.03	50	5.00	0.00	4.78	4.78	0.22	0.12	9.54	07/26/2021	16:28

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