

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB108202

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	W2669
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	PB127425BL		1	5.03	50	5.00	0.00	4.86	4.86	0.14	0.00	0.00	03/10/2020	16:05
2	PB127425BS	250	1	5.02	50	5.00	0.00	2.30	2.30	2.70	2.56	203.98	03/10/2020	16:08
3	L1837-01		1	5.02	50	5.00	0.00	4.80	4.80	0.20	0.06	4.78	03/10/2020	16:12
4	L1837-01DUP		1	5.04	50	5.00	4.80	9.58	4.78	0.22	0.08	6.35	03/10/2020	16:15
5	L1837-01MS	250	1	5.05	50	5.00	0.00	2.90	2.90	2.10	1.96	155.25	03/10/2020	16:18
6	L1837-01MSD	250	1	5.05	50	5.00	2.90	5.82	2.92	2.08	1.94	153.66	03/10/2020	16:22

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