

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB108736

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP83473
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	PB128252BL		1	5.00	50	5.00	0.00	4.80	4.80	0.20	0.00	0.00	04/15/2020	17:15
2	PB128252BS	250	1	5.00	50	5.00	4.80	7.04	2.24	2.76	2.56	204.80	04/15/2020	17:17
3	L2226-01		1	5.03	50	5.00	0.00	4.60	4.60	0.40	0.20	15.90	04/15/2020	17:20
4	L2226-01DUP		1	5.02	50	5.00	4.60	9.22	4.62	0.38	0.18	14.34	04/15/2020	17:22
5	L2226-01MS	250	1	5.06	50	5.00	0.00	2.18	2.18	2.82	2.62	207.11	04/15/2020	17:25
6	L2226-01MSD	250	1	5.06	50	5.00	2.18	4.32	2.14	2.86	2.66	210.28	04/15/2020	17:27

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