

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB115410

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	PB137754BL		1	5.00	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	07/16/2021	15:40
2	PB137754BS	250	1	5.00	50	5.00	0.00	2.18	2.18	2.82	2.74	219.20	07/16/2021	15:42
3	M3040-01		1	5.02	50	5.00	0.00	4.82	4.82	0.18	0.10	7.97	07/16/2021	15:45
4	M3040-01DUP		1	5.04	50	5.00	0.00	4.80	4.80	0.20	0.12	9.52	07/16/2021	15:48
5	M3040-01MS	250	1	5.05	50	5.00	0.00	3.48	3.48	1.52	1.44	114.06	07/16/2021	15:50
6	M3040-01MSD	250	1	5.05	50	5.00	3.48	6.98	3.50	1.50	1.42	112.48	07/16/2021	15:52
7	M3043-01		1	5.02	50	5.00	0.00	4.84	4.84	0.16	0.08	6.37	07/16/2021	15:55

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