

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB117881

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

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2864
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	PB141573BL		1	5.00	50	5.00	0.00	4.94	4.94	0.06	0.00	0.00	12/19/2021	17:00
2	PB141573BS	250	1	5.00	50	5.00	0.00	2.30	2.30	2.70	2.64	211.20	12/19/2021	17:02
3	M5142-01		1	5.02	50	5.00	0.00	4.82	4.82	0.18	0.12	9.56	12/19/2021	17:05
4	M5142-01DUP		1	5.04	50	5.00	0.00	4.84	4.84	0.16	0.10	7.94	12/19/2021	17:08
5	M5142-01MS	250	1	5.05	50	5.00	0.00	3.02	3.02	1.98	1.92	152.08	12/19/2021	17:11
6	M5142-01MSD	250	1	5.05	50	5.00	0.00	3.04	3.04	1.96	1.90	150.50	12/19/2021	17:15

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