

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB118028

ANALYST: ketankumar
 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	PB141765BL		1	5.00	50	5.00	0.00	4.90	4.90	0.10	0.00	0.00	12/30/2021	15:20
2	PB141765BS	250	1	5.00	50	5.00	0.00	2.32	2.32	2.68	2.58	206.40	12/30/2021	15:22
3	M5257-01		1	5.02	50	5.00	0.00	4.86	4.86	0.14	0.04	3.19	12/30/2021	15:25
4	M5257-01DUP		1	5.04	50	5.00	0.00	4.88	4.88	0.12	0.02	1.59	12/30/2021	15:28
5	M5257-01MS	250	1	5.05	50	5.00	0.00	3.50	3.50	1.50	1.40	110.89	12/30/2021	15:30
6	M5257-01MSD	250	1	5.05	50	5.00	3.50	7.02	3.52	1.48	1.38	109.31	12/30/2021	15:32

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