

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB118371

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	PB142266BL		1	5.00	50	5.00	0.00	4.86	4.86	0.14	0.00	0.00	01/25/2022	15:50
2	PB142266BS	250	1	5.00	50	5.00	0.00	2.30	2.30	2.70	2.56	204.80	01/25/2022	15:52
3	N1248-01		1	5.02	50	5.00	0.00	4.78	4.78	0.22	0.08	6.37	01/25/2022	15:55
4	N1248-01DUP		1	5.04	50	5.00	0.00	4.78	4.78	0.22	0.08	6.35	01/25/2022	15:58
5	N1248-01MS	250	1	5.05	50	5.00	0.00	2.94	2.94	2.06	1.92	152.08	01/25/2022	16:00
6	N1248-01MSD	250	1	5.05	50	5.00	0.00	2.96	2.96	2.04	1.90	150.50	01/25/2022	16:04
7	N1263-01		1	5.06	50	5.00	0.00	4.64	4.64	0.36	0.22	17.39	01/25/2022	16:06

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