

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB114240

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP90315
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	PB136099BL		1	5.00	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	04/30/2021	16:02
2	PB136099BS	250	1	5.00	50	5.00	0.00	2.40	2.40	2.60	2.52	201.60	04/30/2021	16:05
3	M2219-01		1	5.02	50	5.00	0.00	4.80	4.80	0.20	0.12	9.56	04/30/2021	16:08
4	M2219-01DUP		1	5.04	50	5.00	0.00	4.82	4.82	0.18	0.10	7.94	04/30/2021	16:12
5	M2219-01MS	250	1	5.05	50	5.00	0.00	3.02	3.02	1.98	1.90	150.50	04/30/2021	16:15
6	M2219-01MSD	250	1	5.05	50	5.00	3.02	6.06	3.04	1.96	1.88	148.91	04/30/2021	16:18
7	M2233-08		1	5.02	50	5.00	0.00	3.10	3.10	1.90	1.82	145.02	04/30/2021	16:22

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