

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB114697

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	PB136720BL		1	5.00	50	5.00	0.00	4.86	4.86	0.14	0.00	0.00	05/28/2021	14:35
2	PB136720BS	250	1	5.00	50	5.00	0.00	2.24	2.24	2.76	2.62	209.60	05/28/2021	14:38
3	M2539-01		1	5.02	50	5.00	0.00	4.78	4.78	0.22	0.08	6.37	05/28/2021	14:42
4	M2539-01DUP		1	5.04	50	5.00	4.78	9.56	4.78	0.22	0.08	6.35	05/28/2021	14:45
5	M2539-01MS	250	1	5.05	50	5.00	0.00	3.00	3.00	2.00	1.86	147.33	05/28/2021	14:48
6	M2539-01MSD	250	1	5.05	50	5.00	3.00	6.02	3.02	1.98	1.84	145.74	05/28/2021	14:52
7	M2542-01		1	5.03	50	5.00	0.00	4.82	4.82	0.18	0.04	3.18	05/28/2021	14:55

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