

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB113415

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP88904
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	PB135051BL		1	5.00	50	5.00	0.00	5.00	5.00	0.00	0.00	0.00	03/09/2021	14:05
2	PB135051BS	250	1	5.00	50	5.00	0.00	2.38	2.38	2.62	2.62	209.60	03/09/2021	14:08
3	M1458-01		1	5.02	50	5.00	0.00	4.94	4.94	0.06	0.06	4.78	03/09/2021	14:12
4	M1458-02		1	5.04	50	5.00	0.00	4.70	4.70	0.30	0.30	23.81	03/09/2021	14:15
5	M1591-01		1	5.05	50	5.00	0.00	4.80	4.80	0.20	0.20	15.84	03/09/2021	14:18
6	M1591-01DUP		1	5.04	50	5.00	0.00	4.82	4.82	0.18	0.18	14.29	03/09/2021	14:22
7	M1591-01MS	250	1	5.03	50	5.00	0.00	3.02	3.02	1.98	1.98	157.46	03/09/2021	14:25
8	M1591-01MSD	250	1	5.03	50	5.00	3.02	6.06	3.04	1.96	1.96	155.86	03/09/2021	14:28

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