

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB114197

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	PB136041BL		1	5.00	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	04/28/2021	14:10
2	PB136041BS	250	1	5.00	50	5.00	0.00	2.32	2.32	2.68	2.60	208.00	04/28/2021	14:12
3	M2185-01		1	5.02	50	5.00	0.00	3.98	3.98	1.02	0.94	74.90	04/28/2021	14:15
4	M2185-01DUP		1	5.04	50	5.00	3.98	7.98	4.00	1.00	0.92	73.02	04/28/2021	14:18
5	M2185-01MS	250	1	5.05	50	5.00	0.00	2.40	2.40	2.60	2.52	199.60	04/28/2021	14:22
6	M2185-01MSD	250	1	5.05	50	5.00	2.40	4.82	2.42	2.58	2.50	198.02	04/28/2021	14:25
7	M2185-02		1	5.02	50	5.00	0.00	4.70	4.70	0.30	0.22	17.53	04/28/2021	14:28
8	M2185-03		1	5.03	50	5.00	4.70	8.90	4.20	0.80	0.72	57.26	04/28/2021	14:32
9	M2185-04		1	5.04	50	5.00	0.00	4.20	4.20	0.80	0.72	57.14	04/28/2021	14:35
10	M2185-05		1	5.03	50	5.00	4.20	8.42	4.22	0.78	0.70	55.67	04/28/2021	14:38

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