

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB114165

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	PB136004BL		1	5.00	50	5.00	0.00	4.84	4.84	0.16	0.00	0.00	04/26/2021	16:45
2	PB136004BS	250	1	5.00	50	5.00	0.00	2.26	2.26	2.74	2.58	206.40	04/26/2021	16:48
3	M2179-01		1	5.02	50	5.00	0.00	4.80	4.80	0.20	0.04	3.19	04/26/2021	16:52
4	M2179-01DUP		1	5.04	50	5.00	4.80	9.62	4.82	0.18	0.02	1.59	04/26/2021	16:55
5	M2179-01MS	250	1	5.05	50	5.00	0.00	3.30	3.30	1.70	1.54	121.98	04/26/2021	16:58
6	M2179-01MSD	250	1	5.05	50	5.00	3.30	6.62	3.32	1.68	1.52	120.40	04/26/2021	17:00
7	M2179-02		1	5.03	50	5.00	0.00	4.82	4.82	0.18	0.02	1.59	04/26/2021	17:02

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