

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB110271

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP84605
IODINE SOLUTION .025N 1L	W2670
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	PB130594BL		1	5.03	50	5.00	0.00	4.72	4.72	0.28	0.00	0.00	07/29/2020	15:05
2	PB130594BS	250	1	5.02	50	5.00	0.00	2.20	2.20	2.80	2.52	200.80	07/29/2020	15:08
3	L3453-01		1	5.02	50	5.00	0.00	4.68	4.68	0.32	0.04	3.19	07/29/2020	15:12
4	L3453-01DUP		1	5.04	50	5.00	0.00	4.66	4.66	0.34	0.06	4.76	07/29/2020	15:15
5	L3453-01MS	250	1	5.05	50	5.00	0.00	2.24	2.24	2.76	2.48	196.44	07/29/2020	15:18
6	L3453-01MSD	250	1	5.05	50	5.00	2.24	4.50	2.26	2.74	2.46	194.85	07/29/2020	15:22

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