

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB110416

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 Volume (mL)	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	PB130819BL		1	50	50	5.00	0.00	4.72	4.72	0.28	0.00	0.00	08/07/2020	14:32
2	PB130819BS	25	1	50	50	5.00	0.00	2.22	2.22	2.78	2.50	20.00	08/07/2020	14:35
3	L3605-01		1	50	50	5.00	0.00	4.68	4.68	0.32	0.04	0.32	08/07/2020	14:38
4	L3605-01DUP		1	50	50	5.00	0.00	4.70	4.70	0.30	0.02	0.16	08/07/2020	14:42
5	L3605-01MS	25	1	50	50	5.00	0.00	2.50	2.50	2.50	2.22	17.76	08/07/2020	14:45
6	L3605-01MSD	25	1	50	50	5.00	2.50	5.02	2.52	2.48	2.20	17.60	08/07/2020	14:48

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