

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB111418

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP87313
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	PB132267BL		1	50	50	5.00	0.00	4.88	4.88	0.12	0.00	0.00	10/09/2020	16:05
2	PB132267BS	25	1	50	50	5.00	0.00	2.02	2.02	2.98	2.86	22.88	10/09/2020	16:08
3	L4214-07		1	50	50	5.00	0.00	4.84	4.84	0.16	0.04	0.32	10/09/2020	16:10
4	L4214-08		1	50	50	5.00	0.00	4.70	4.70	0.30	0.18	1.44	10/09/2020	16:12
5	L4324-01		1	50	50	5.00	0.00	4.82	4.82	0.18	0.06	0.48	10/09/2020	16:15
6	L4324-01DUP		1	50	50	5.00	0.00	4.84	4.84	0.16	0.04	0.32	10/09/2020	16:18
7	L4324-01MS	25	1	50	50	5.00	0.00	2.24	2.24	2.76	2.64	21.12	10/09/2020	16:22
8	L4324-01MSD	25	1	50	50	5.00	0.00	2.26	2.26	2.74	2.62	20.96	10/09/2020	16:25

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