

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB101758

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP71781
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2379

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	PB118438BL		1	50	50	5.00	0.00	4.82	4.82	0.18	0.00	0.00	03/29/2019	14:35
2	PB118438BS	25	1	50	50	5.00	0.00	2.30	2.30	2.70	2.52	20.16	03/29/2019	14:38
3	K2115-01		1	50	50	5.00	0.00	4.74	4.74	0.26	0.08	0.64	03/29/2019	14:42
4	K2115-01DUP		1	50	50	5.00	4.74	9.46	4.72	0.28	0.10	0.80	03/29/2019	14:45
5	K2115-01MS	25	1	50	50	5.00	0.00	2.62	2.62	2.38	2.20	17.60	03/29/2019	14:48
6	K2115-01MSD	25	1	50	50	5.00	2.62	5.22	2.60	2.40	2.22	17.76	03/29/2019	14:52
7	K2115-02		1	50	50	5.00	0.00	4.58	4.58	0.42	0.24	1.92	03/29/2019	14:55
8	K2115-03		1	50	50	5.00	0.00	0.70	0.70	4.30	4.12	32.96	03/29/2019	14:58
9	K2115-06		1	50	50	5.00	0.00	4.74	4.74	0.26	0.08	0.64	03/29/2019	15:02
10	K2115-07		1	50	50	5.00	0.00	4.44	4.44	0.56	0.38	3.04	03/29/2019	15:05

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