

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB101820

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	PB118543BL		1	50	50	5.00	0.00	4.86	4.86	0.14	0.00	0.00	04/02/2019	15:45
2	PB118543BS	25	1	50	50	5.00	0.00	2.20	2.20	2.80	2.66	21.28	04/02/2019	15:48
3	K2176-01		1	50	50	5.00	2.20	4.32	2.12	2.88	2.74	21.92	04/02/2019	15:52
4	K2176-01DUP		1	50	50	5.00	4.32	6.46	2.14	2.86	2.72	21.76	04/02/2019	15:55
5	K2176-01MS	25	1	50	50	5.00	6.46	6.88	0.42	4.58	4.44	35.52	04/02/2019	15:58
6	K2176-01MSD	25	1	50	50	5.00	6.88	7.32	0.44	4.56	4.42	35.36	04/02/2019	16:02
7	K2176-02		1	50	50	5.00	0.00	4.80	4.80	0.20	0.06	0.48	04/02/2019	16:05
8	K2176-03		1	50	50	5.00	4.80	9.40	4.60	0.40	0.26	2.08	04/02/2019	16:08

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