

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB105322

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.03
 Normality2: 0.03

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP77620
IODINE SOLUTION .025N 1L	W2508
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	PB123381BL		1	50	50	5.00	0.00	4.80	4.80	0.20	0.00	0.00	09/25/2019	14:05
2	PB123381BS	25	1	50	50	5.00	4.80	7.10	2.30	2.70	2.50	20.00	09/25/2019	14:08
3	K5019-01		1	50	50	5.00	0.00	4.50	4.50	0.50	0.30	2.40	09/25/2019	14:12
4	K5019-01DUP		1	50	50	5.00	4.50	9.02	4.52	0.48	0.28	2.24	09/25/2019	14:15
5	K5019-01MS	25	1	50	50	5.00	0.00	2.42	2.42	2.58	2.38	19.04	09/25/2019	14:18
6	K5019-01MSD	25	1	50	50	5.00	2.42	4.86	2.44	2.56	2.36	18.88	09/25/2019	14:22
7	K5019-02		1	50	50	5.00	0.00	4.32	4.32	0.68	0.48	3.84	09/25/2019	14:25
8	K5019-03		1	50	50	10.00	0.00	3.32	3.32	6.68	6.48	51.84	09/25/2019	14:28
9	K5019-04		1	50	50	5.00	0.00	3.70	3.70	1.30	1.10	8.80	09/25/2019	14:32

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