

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB105244

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 Weight (g)	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	PB123249BL		1	5.03	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	09/19/2019	15:32
2	PB123249BS	250	1	5.02	50	5.00	0.00	2.40	2.40	2.60	2.52	200.80	09/19/2019	15:35
3	K4969-01		1	5.02	50	5.00	0.00	4.82	4.82	0.18	0.10	7.97	09/19/2019	15:38
4	K4969-01DUP		1	5.04	50	5.00	4.82	9.62	4.80	0.20	0.12	9.52	09/19/2019	15:42
5	K4969-01MS	250	1	5.05	50	5.00	0.00	2.90	2.90	2.10	2.02	160.00	09/19/2019	15:45
6	K4969-01MSD	250	1	5.05	50	5.00	2.90	5.82	2.92	2.08	2.00	158.42	09/19/2019	15:48

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