

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB104454

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP74519
IODINE SOLUTION .025N 1L	W2480
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	PB122027BL		1	5.02	50	5.00	0.00	4.80	4.80	0.20	0.00	0.00	08/06/2019	15:10
2	PB122027BS	250	1	5.03	50	5.00	4.80	7.00	2.20	2.80	2.60	206.76	08/06/2019	15:14
3	K4158-01		1	5.02	50	5.00	0.00	4.76	4.76	0.24	0.04	3.19	08/06/2019	15:17
4	K4158-01DUP		1	5.04	50	5.00	4.76	9.54	4.78	0.22	0.02	1.59	08/06/2019	15:20
5	K4158-01MS	250	1	5.05	50	5.00	0.00	2.90	2.90	2.10	1.90	150.50	08/06/2019	15:22
6	K4158-01MSD	250	1	5.05	50	5.00	2.90	5.78	2.88	2.12	1.92	152.08	08/06/2019	15:25

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