

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB103822

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	PB121181BL		1	5.03	50	5.00	0.00	4.76	4.76	0.24	0.00	0.00	07/05/2019	13:32
2	PB121181BS	250	1	5.04	50	5.00	0.00	2.20	2.20	2.80	2.56	203.17	07/05/2019	13:35
3	K3650-01		1	5.02	50	5.00	0.00	4.54	4.54	0.46	0.22	17.53	07/05/2019	13:38
4	K3650-01DUP		1	5.04	50	5.00	4.54	9.06	4.52	0.48	0.24	19.05	07/05/2019	13:42
5	K3650-01MS	250	1	5.05	50	5.00	0.00	2.52	2.52	2.48	2.24	177.43	07/05/2019	13:45
6	K3650-01MSD	250	1	5.05	50	5.00	2.52	5.02	2.50	2.50	2.26	179.01	07/05/2019	13:48

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