

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB103919

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	PB121314BL		1	5.02	50	5.00	0.00	4.78	4.78	0.22	0.00	0.00	07/11/2019	14:10
2	PB121314BS	250	1	5.03	50	5.00	0.00	2.18	2.18	2.82	2.60	206.76	07/11/2019	14:12
3	K3700-01		1	5.02	50	5.00	0.00	4.52	4.52	0.48	0.26	20.72	07/11/2019	14:15
4	K3700-01DUP		1	5.04	50	5.00	4.52	9.02	4.50	0.50	0.28	22.22	07/11/2019	14:18
5	K3700-01MS	250	1	5.05	50	5.00	0.00	2.46	2.46	2.54	2.32	183.76	07/11/2019	14:22
6	K3700-01MSD	250	1	5.05	50	5.00	2.46	4.90	2.44	2.56	2.34	185.35	07/11/2019	14:25

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