

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB104777

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP76826
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	PB122509BL		1	5.02	50	5.00	0.00	4.80	4.80	0.20	0.00	0.00	08/23/2019	14:32
2	PB122509BS	250	1	5.03	50	5.00	0.00	2.24	2.24	2.76	2.56	203.58	08/23/2019	14:35
3	K4465-01		1	5.02	50	5.00	0.00	4.74	4.74	0.26	0.06	4.78	08/23/2019	14:38
4	K4465-01DUP		1	5.04	50	5.00	4.74	9.50	4.76	0.24	0.04	3.17	08/23/2019	14:42
5	K4465-01MS	250	1	5.05	50	5.00	0.00	2.50	2.50	2.50	2.30	182.18	08/23/2019	14:45
6	K4465-01MSD	250	1	5.05	50	5.00	2.50	5.02	2.52	2.48	2.28	180.59	08/23/2019	14:48

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