

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB102067

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP71781
IODINE SOLUTION .025N 1L	W2479
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	PB118868BL		1	5.05	50	5.00	0.00	4.82	4.82	0.18	0.00	0.00	04/12/2019	15:30
2	PB118868BS	250	1	5.00	50	5.00	0.00	2.28	2.28	2.72	2.54	203.20	04/12/2019	15:34
3	K2241-01		1	5.02	50	5.00	0.00	4.78	4.78	0.22	0.04	3.19	04/12/2019	15:37
4	K2241-02		1	5.04	50	5.00	0.00	4.48	4.48	0.52	0.34	26.98	04/12/2019	15:40

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