

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB109955

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP84605
IODINE SOLUTION .025N 1L	W2669
Starch Solution, 4L	W2703

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	PB130111BL		1	5.00	50	5.00	0.00	4.90	4.90	0.10	0.00	0.00	07/10/2020	14:10
2	PB130111BS	250	1	5.02	50	5.00	0.00	2.18	2.18	2.82	2.72	216.73	07/10/2020	14:12
3	L3216-01		1	5.02	50	5.00	0.00	4.86	4.86	0.14	0.04	3.19	07/10/2020	14:15
4	L3216-02		1	5.04	50	5.00	0.00	4.76	4.76	0.24	0.14	11.11	07/10/2020	14:18

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