

Analysis Method: 9034

Parameter: Sulfide

Run Number: LB109958

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 Volume (mL)	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	PB130112BL		1	50	50	5.00	0.00	4.86	4.86	0.14	0.00	0.00	07/10/2020	14:30
2	PB130112BS	25	1	50	50	5.00	0.00	2.22	2.22	2.78	2.64	21.12	07/10/2020	14:32
3	L3216-07		1	50	50	5.00	0.00	4.80	4.80	0.20	0.06	0.48	07/10/2020	14:35
4	L3216-08		1	50	50	5.00	0.00	4.70	4.70	0.30	0.16	1.28	07/10/2020	14:38

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