

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB108921

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP83473
IODINE SOLUTION .025N 1L	W2669
Starch Solution, 4L	W2379

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	PB128544BL		1	50	50	5.00	0.00	4.82	4.82	0.18	0.00	0.00	04/29/2020	13:42
2	PB128544BS	25	1	50	50	5.00	0.00	2.22	2.22	2.78	2.60	20.80	04/29/2020	13:45
3	L2182-07		1	50	50	5.00	0.00	4.76	4.76	0.24	0.06	0.48	04/29/2020	13:48
4	L2182-08		1	50	50	5.00	0.00	4.62	4.62	0.38	0.20	1.60	04/29/2020	13:50

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