

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB111024

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP86633
IODINE SOLUTION .025N 1L	W2670
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	PB131693BL		1	50	50	5.00	0.00	5.00	5.00	0.00	0.00	0.00	09/17/2020	13:45
2	PB131693BS	25	1	50	50	5.00	0.00	2.20	2.20	2.80	2.80	22.40	09/17/2020	13:48
3	L3974-32		1	50	50	5.00	0.00	4.38	4.38	0.62	0.62	4.96	09/17/2020	13:52
4	L4040-04		1	50	50	5.00	0.00	4.60	4.60	0.40	0.40	3.20	09/17/2020	13:55
5	L4040-04DUP		1	50	50	5.00	4.60	9.18	4.58	0.42	0.42	3.36	09/17/2020	13:58
6	L4040-04MS	25	1	50	50	5.00	0.00	2.10	2.10	2.90	2.90	23.20	09/17/2020	14:00
7	L4040-04MSD	25	1	50	50	5.00	2.10	4.22	2.12	2.88	2.88	23.04	09/17/2020	14:02

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