

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB113417

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP88904
IODINE SOLUTION .025N 1L	W2763
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	PB135052BL		1	50	50	5.00	0.00	5.00	5.00	0.00	0.00	0.00	03/09/2021	14:32
2	PB135052BS	25	1	50	50	5.00	0.00	2.40	2.40	2.60	2.60	20.80	03/09/2021	14:35
3	M1458-07		1	50	50	5.00	0.00	4.96	4.96	0.04	0.04	0.32	03/09/2021	14:38
4	M1458-08		1	50	50	5.00	0.00	4.72	4.72	0.28	0.28	2.24	03/09/2021	14:42
5	M1561-32		1	50	50	5.00	0.00	4.50	4.50	0.50	0.50	4.00	03/09/2021	14:45

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