

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB116728

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

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2864
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	PB139728BL		1	50	50	5.00	0.00	5.00	5.00	0.00	0.00	0.00	10/07/2021	15:30
2	PB139728BS	25	1	50	50	5.00	0.00	2.30	2.30	2.70	2.70	21.60	10/07/2021	15:32
3	M3705-32		1	50	50	5.00	0.00	4.30	4.30	0.70	0.70	5.60	10/07/2021	15:35
4	M4068-07		1	50	50	5.00	0.00	4.94	4.94	0.06	0.06	0.48	10/07/2021	15:38
5	M4068-08		1	50	50	5.00	0.00	4.80	4.80	0.20	0.20	1.60	10/07/2021	15:40

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