

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB118933

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	W2766

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	PB143018BL		1	50	50	5.00	0.00	4.96	4.96	0.04	0.00	0.00	03/01/2022	14:35
2	PB143018BS	25	1	50	50	5.00	0.00	2.32	2.32	2.68	2.64	21.12	03/01/2022	14:38
3	N1710-01		1	50	50	5.00	0.00	4.94	4.94	0.06	0.02	0.16	03/01/2022	14:40
4	N1710-01DUP		1	50	50	5.00	0.00	4.92	4.92	0.08	0.04	0.32	03/01/2022	14:42
5	N1710-01MS	25	1	50	50	5.00	0.00	3.02	3.02	1.98	1.94	15.52	03/01/2022	14:45
6	N1710-01MSD	25	1	50	50	5.00	3.02	6.06	3.04	1.96	1.92	15.36	03/01/2022	14:48
7	N1710-02		1	50	50	5.00	0.00	4.58	4.58	0.42	0.38	3.04	03/01/2022	14:50

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