

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB118271

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	PB142105BL		1	50	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	01/18/2022	15:40
2	PB142105BS	25	1	50	50	5.00	0.00	2.32	2.32	2.68	2.60	20.80	01/18/2022	15:42
3	N1134-01		1	50	50	5.00	0.00	4.88	4.88	0.12	0.04	0.32	01/18/2022	15:45
4	N1134-01DUP		1	50	50	5.00	0.00	4.90	4.90	0.10	0.02	0.16	01/18/2022	15:48
5	N1134-01MS	25	1	50	50	5.00	0.00	3.36	3.36	1.64	1.56	12.48	01/18/2022	15:40
6	N1134-01MSD	25	1	50	50	5.00	3.36	6.74	3.38	1.62	1.54	12.32	01/18/2022	15:42

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