

Analysis Method: 9034
Parameter: Sulfide
Run Number: LB134363

ANALYST: Niha
SUPERVISOR REVIEW BY: Iwona
Constant: 16000
Normality1: 0.025
Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3114
Starch Solution, 4L	W3149

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	PB166159BL		1	50	50	5.00	0.00	4.94	4.94	0.06	0.00	0.00	01/21/2025	14:30
2	PB166159BS	25	1	50	50	5.00	0.00	1.92	1.92	3.08	3.02	24.16	01/21/2025	14:33
3	Q1120-01		1	50	50	5.00	0.00	4.92	4.92	0.08	0.02	0.16	01/21/2025	14:36
4	Q1120-01DUP		1	50	50	5.00	0.00	4.92	4.92	0.08	0.02	0.16	01/21/2025	14:40
5	Q1120-01MS	25	1	50	50	5.00	0.00	1.94	1.94	3.06	3.00	24.00	01/21/2025	14:43
6	Q1120-01MSD	25	1	50	50	5.00	0.00	1.92	1.92	3.08	3.02	24.16	01/21/2025	14:46

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