

Analysis Method: 9034
Parameter: Sulfide
Run Number: LB135093

ANALYST: rubina
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 Weight (g)	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	PB167200BL		1	5.00	50	5.00	0.00	4.96	4.96	0.04	0.00	0.00	03/19/2025	15:45
2	PB167200BS	250	1	5.00	50	5.00	0.00	2.26	2.26	2.74	2.70	216.00	03/19/2025	15:48
3	Q1569-01		1	5.04	50	5.00	0.00	4.92	4.92	0.08	0.04	3.17	03/19/2025	15:51
4	Q1569-01DUP		1	5.04	50	5.00	0.00	4.92	4.92	0.08	0.04	3.17	03/19/2025	15:54
5	Q1569-01MS	250	1	5.03	50	5.00	0.00	2.42	2.42	2.58	2.54	201.99	03/19/2025	15:57
6	Q1569-01MSD	250	1	5.03	50	5.00	0.00	2.38	2.38	2.62	2.58	205.17	03/19/2025	16:00
7	Q1569-04		1	5.02	50	5.00	0.00	4.94	4.94	0.06	0.02	1.59	03/19/2025	16:03

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