

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB134808

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 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	PB166866BL		1	50	50	5.00	0.00	4.94	4.94	0.06	0.00	0.00	02/26/2025	11:20
2	PB166866BS	25	1	50	50	5.00	0.00	1.96	1.96	3.04	2.98	23.84	02/26/2025	11:23
3	Q1417-01		1	50	50	5.00	0.00	4.92	4.92	0.08	0.02	0.16	02/26/2025	11:26
4	Q1417-01DUP		1	50	50	5.00	0.00	4.92	4.92	0.08	0.02	0.16	02/26/2025	11:29
5	Q1417-01MS	25	1	50	50	5.00	0.00	1.94	1.94	3.06	3.00	24.00	02/26/2025	11:32
6	Q1417-01MSD	25	1	50	50	5.00	0.00	1.96	1.96	3.04	2.98	23.84	02/26/2025	11:35

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