

Analysis Method: 9034
Parameter: Sulfide
Run Number: LB134682

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	PB166693BL		1	5.00	50	5.00	0.00	4.90	4.90	0.10	0.00	0.00	02/12/2025	12:30
2	PB166693BS	250	1	5.00	50	5.00	0.00	2.28	2.28	2.72	2.62	209.60	02/12/2025	12:33
3	Q1352-01		1	5.02	50	5.00	0.00	4.86	4.86	0.14	0.04	3.19	02/12/2025	12:36
4	Q1352-01DUP		1	5.03	50	5.00	0.00	4.86	4.86	0.14	0.04	3.18	02/12/2025	12:39
5	Q1352-01MS	250	1	5.03	50	5.00	0.00	2.40	2.40	2.60	2.50	198.81	02/12/2025	12:42
6	Q1352-01MSD	250	1	5.03	50	5.00	0.00	2.42	2.42	2.58	2.48	197.22	02/12/2025	12:45

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