

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB137645

ANALYST: rubina

SUPERVISOR REVIEW BY: Iwona

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3248
IODINE SOLUTION .025N 1L	W3213
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)	Anal Date	Anal Time
1	PB170244BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	10/24/2025	13:30
2	Q3434-01		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	10/24/2025	13:33
3	Q3434-01DUP		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	10/24/2025	13:36
4	Q3439-04		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.06	4.79	10/24/2025	13:38
5	Q3439-08		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	10/24/2025	13:40
6	Q3440-04		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	10/24/2025	13:43
7	Q3449-06		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.02	1.60	10/24/2025	13:46

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