

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137558

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	PB170123BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	10/16/2025	11:00
2	Q3345-02		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	10/16/2025	11:03
3	Q3345-02DUP		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	10/16/2025	11:06
4	Q3345-04		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	10/16/2025	11:08
5	Q3345-06		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.06	4.78	10/16/2025	11:10
6	Q3348-04		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	10/16/2025	11:13
7	Q3348-08		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.08	6.32	10/16/2025	11:15
8	Q3352-04		1	5.01	50	2.00	0.00	1.92	1.92	0.08	0.02	1.60	10/16/2025	11:18
9	Q3354-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.06	4.75	10/16/2025	11:20

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