

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB138195

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	PB170915BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	12/11/2025	11:30
2	Q3826-02		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	12/11/2025	11:33
3	Q3826-02DUP		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	12/11/2025	11:36
4	Q3826-04		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/11/2025	11:39
5	Q3826-06		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	12/11/2025	11:41
6	Q3826-08		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	12/11/2025	11:44
7	Q3826-10		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.06	4.72	12/11/2025	11:47
8	Q3826-12		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/11/2025	11:50
9	Q3826-14		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	12/11/2025	11:52

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