

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB138172

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	PB170869BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	12/09/2025	13:00
2	Q3780-01		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	12/09/2025	13:03
3	Q3790-02		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	12/09/2025	13:05
4	Q3795-04		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/09/2025	13:07
5	Q3795-08		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	12/09/2025	13:10
6	Q3814-02		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/09/2025	13:13
7	Q3814-04		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	12/09/2025	13:16
8	Q3814-06		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.06	4.79	12/09/2025	13:18
9	Q3814-08		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	12/09/2025	13:20
10	Q3814-10		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	12/09/2025	13:23
11	Q3814-12		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/09/2025	13:25
12	Q3814-14		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/09/2025	13:27

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

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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
13	Q3814-16		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	12/09/2025	13:30
14	Q3815-02		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/09/2025	13:33
15	Q3815-02DUP		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/09/2025	13:36

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