

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB138235

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	PB170959BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	12/16/2025	13:15
2	Q3853-04		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	12/16/2025	13:18
3	Q3853-04DUP		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	12/16/2025	13:21
4	Q3855-02		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.08	6.36	12/16/2025	13:24
5	Q3862-04		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.08	6.32	12/16/2025	13:27
6	Q3871-01		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	12/16/2025	13:30
7	Q3871-03		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.06	4.78	12/16/2025	13:32
8	Q3871-05		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.06	4.73	12/16/2025	13:34
9	Q3872-01		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	12/16/2025	13:37
10	Q3872-03		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	12/16/2025	13:40
11	Q3873-02		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	12/16/2025	13:43
12	Q3873-04		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	12/16/2025	13:45

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

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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	Q3880-01		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	12/16/2025	13:47
14	Q3881-03		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	12/16/2025	13:50

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