

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134502

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3114
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	PB166422BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	01/31/2025	14:45
2	Q1232-04		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	01/31/2025	14:48
3	Q1232-04DUP		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	01/31/2025	14:50
4	Q1232-08		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	01/31/2025	14:52
5	Q1232-12		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	01/31/2025	14:55
6	Q1232-16		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	01/31/2025	14:57
7	Q1232-20		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	01/31/2025	15:00
8	Q1235-04		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.06	4.73	01/31/2025	15:03
9	Q1235-08		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	01/31/2025	15:06
10	Q1239-02		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.06	4.77	01/31/2025	15:08
11	Q1239-05		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	01/31/2025	15:10
12	Q1239-08		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	01/31/2025	15:13

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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Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3114
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
13	Q1239-11		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	01/31/2025	15:15
14	Q1241-04		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	01/31/2025	15:17
15	Q1241-08		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.08	6.34	01/31/2025	15:20
16	Q1241-12		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	01/31/2025	15:23
17	Q1241-16		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	01/31/2025	15:25
18	Q1241-20		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	01/31/2025	15:28
19	Q1242-04		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	01/31/2025	15:30

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