

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136247

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
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	PB168577BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	06/24/2025	16:02
2	Q2354-02		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/24/2025	16:04
3	Q2354-02DUP		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/24/2025	16:06
4	Q2355-02		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	06/24/2025	16:09
5	Q2362-04		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	06/24/2025	16:12
6	Q2362-08		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	06/24/2025	16:15
7	Q2367-04		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.02	1.60	06/24/2025	16:17
8	Q2367-08		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/24/2025	16:19
9	Q2386-02		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	06/24/2025	16:22
10	Q2388-04		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	06/24/2025	16:24
11	Q2389-04		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	06/24/2025	16:27
12	Q2394-04		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	06/24/2025	16:30

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

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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
13	Q2399-04		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	06/24/2025	16:32
14	Q2399-08		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.06	4.72	06/24/2025	16:35
15	Q2405-04		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/24/2025	16:37

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