

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137681

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	PB170279BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	10/28/2025	15:00
2	Q3451-04		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	10/28/2025	15:03
3	Q3451-04DUP		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	10/28/2025	15:06
4	Q3451-08		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	10/28/2025	15:09
5	Q3452-04		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.08	6.39	10/28/2025	15:12
6	Q3456-01		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	10/28/2025	15:14
7	Q3460-04		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	10/28/2025	15:16
8	Q3460-08		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	10/28/2025	15:18
9	Q3460-12		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.08	6.32	10/28/2025	15:20
10	Q3460-16		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.06	4.77	10/28/2025	15:23
11	Q3460-20		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	10/28/2025	15:25
12	Q3466-03		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	10/28/2025	15:28

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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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	Q3469-04		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	10/28/2025	15:30
14	Q3472-05		1	5.08	50	2.00	0.00	1.90	1.90	0.10	0.04	3.15	10/28/2025	15:32
15	Q3472-07		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	10/28/2025	15:34
16	Q3472-09		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.08	6.36	10/28/2025	15:37
17	Q3472-11		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	10/28/2025	15:40
18	Q3472-13		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	10/28/2025	15:42
19	Q3472-15		1	5.08	50	2.00	0.00	1.88	1.88	0.12	0.06	4.72	10/28/2025	15:45
20	Q3472-17		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	10/28/2025	15:47
21	Q3472-18		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.08	6.36	10/28/2025	15:50

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