

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136078

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	PB168339BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	06/10/2025	08:20
2	Q2240-04		1	5.08	50	2.00	0.00	1.90	1.90	0.10	0.04	3.15	06/10/2025	08:22
3	Q2240-04DUP		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	06/10/2025	08:24
4	Q2240-08		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	06/10/2025	08:27
5	Q2240-12		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.08	6.34	06/10/2025	08:30
6	Q2241-04		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	06/10/2025	08:32
7	Q2241-08		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	06/10/2025	08:35
8	Q2242-04		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	06/10/2025	08:38
9	Q2244-04		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	06/10/2025	08:40
10	Q2260-04		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	06/10/2025	08:43
11	Q2262-02		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	06/10/2025	08:45
12	Q2262-04		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	06/10/2025	08:48

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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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
13	Q2265-04		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	06/10/2025	08:50
14	Q2266-04		1	5.08	50	2.00	0.00	1.88	1.88	0.12	0.06	4.72	06/10/2025	08:53
15	Q2266-08		1	5.08	50	2.00	0.00	1.90	1.90	0.10	0.04	3.15	06/10/2025	08:56
16	Q2271-04		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	06/10/2025	08:59
17	Q2272-04		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	06/10/2025	09:02
18	Q2273-04		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	06/10/2025	09:05
19	Q2273-08		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.08	6.32	06/10/2025	09:07
20	Q2274-04		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.06	4.79	06/10/2025	09:10

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