

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137173

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	PB169674BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	09/12/2025	12:50
2	Q3072-02		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	09/12/2025	12:53
3	Q3072-02DUP		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	09/12/2025	12:56
4	Q3073-01		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	09/12/2025	12:58
5	Q3073-03		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	09/12/2025	13:00
6	Q3074-05		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	09/12/2025	13:03
7	Q3075-03		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	09/12/2025	13:05
8	Q3075-05		1	5.08	50	2.00	0.00	1.88	1.88	0.12	0.04	3.15	09/12/2025	13:07
9	Q3075-07		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	09/12/2025	13:10
10	Q3075-09		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	09/12/2025	13:12
11	Q3075-12		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	09/12/2025	13:14
12	Q3077-02		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	09/12/2025	13:16

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	Q3077-04		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	09/12/2025	13:19
14	Q3079-02		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	09/12/2025	13:22
15	Q3082-02		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	09/12/2025	13:25
16	Q3082-04		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	09/12/2025	13:27
17	Q3082-06		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.06	4.79	09/12/2025	13:30
18	Q3082-08		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	09/12/2025	13:32
19	Q3082-10		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	09/12/2025	13:35

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