

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136138

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	PB168418BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	06/12/2025	16:43
2	Q2278-04		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	06/12/2025	16:45
3	Q2278-04DUP		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	06/12/2025	16:47
4	Q2280-02		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	06/12/2025	16:49
5	Q2280-04		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/12/2025	16:51
6	Q2285-05		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	06/12/2025	16:53
7	Q2287-02		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	06/12/2025	16:55
8	Q2295-04		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/12/2025	16:58
9	Q2295-08		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	06/12/2025	17:00
10	Q2296-04		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	06/12/2025	17:03
11	Q2296-08		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/12/2025	17:05
12	Q2296-12		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	06/12/2025	17:07

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	Q2296-16		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	06/12/2025	17:09
14	Q2296-20		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	06/12/2025	17:11
15	Q2296-24		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/12/2025	17:14
16	Q2297-04		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/12/2025	17:17

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