

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136023

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	PB168267BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	06/04/2025	17:03
2	Q2185-04		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	06/04/2025	17:06
3	Q2185-04DUP		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	06/04/2025	17:09
4	Q2185-08		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	06/04/2025	17:11
5	Q2194-02		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	06/04/2025	17:15
6	Q2194-04		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/04/2025	17:18
7	Q2198-02		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	06/04/2025	17:20
8	Q2198-04		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	06/04/2025	17:22
9	Q2206-04		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	06/04/2025	14:24
10	Q2207-09		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	06/04/2025	17:26
11	Q2207-18		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	06/04/2025	17:29
12	Q2207-27		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	06/04/2025	17:32

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	Q2207-36		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	06/04/2025	17:35
14	Q2207-45		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.06	4.72	06/04/2025	17:37
15	Q2208-09		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/04/2025	17:40
16	Q2208-18		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	06/04/2025	17:42
17	Q2208-27		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	06/04/2025	17:45
18	Q2208-36		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.02	1.60	06/04/2025	17:47

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