

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137743

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	PB170368BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	11/03/2025	13:40
2	Q3499-02		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	11/03/2025	13:43
3	Q3499-02DUP		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	11/03/2025	13:46
4	Q3500-01		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	11/03/2025	13:48
5	Q3501-02		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	11/03/2025	13:50
6	Q3502-01		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.06	4.73	11/03/2025	13:53
7	Q3503-02		1	5.08	50	2.00	0.00	1.90	1.90	0.10	0.04	3.15	11/03/2025	13:55
8	Q3503-04		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.06	4.75	11/03/2025	13:58
9	Q3503-06		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.08	6.32	11/03/2025	14:00
10	Q3504-02		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	11/03/2025	14:03
11	Q3505-01		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.06	4.78	11/03/2025	14:05
12	Q3505-02		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	11/03/2025	14:08

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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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	Q3505-03		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	11/03/2025	14:11
14	Q3514-01		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	11/03/2025	14:14

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