

Analysis Method: 9034

ANALYST: Iwona

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB137919

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	PB170547BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	11/17/2025	13:00
2	Q3609-03		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.06	4.72	11/17/2025	13:03
3	Q3609-03DUP		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.06	4.72	11/17/2025	13:06
4	Q3609-06		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	11/17/2025	13:09
5	Q3609-09		1	5.01	50	2.00	0.00	1.84	1.84	0.16	0.08	6.39	11/17/2025	13:12
6	Q3609-12		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	11/17/2025	13:15
7	Q3609-15		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	11/17/2025	13:18
8	Q3628-04		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	11/17/2025	13:21
9	Q3638-02		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	11/17/2025	13:24
10	Q3638-04		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	11/17/2025	13:27
11	Q3640-02		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	11/17/2025	13:30
12	Q3640-03		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	11/17/2025	13:33

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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13	Q3647-02		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	11/17/2025	13:36
14	Q3649-07		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	11/17/2025	13:39

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