

Analysis Method: 9034

ANALYST: Iwona

Parameter: Sulfide

SUPERVISOR REVIEW BY: jignesh

Run Number: LB137890

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)	AnalDate	Anal Time
1	PB170541BL		1	5.00	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	11/13/2025	13:30
2	PB170541BS	250	1	5.00	50	5.00	0.00	1.94	1.94	3.06	2.98	238.40	11/13/2025	13:33
3	Q3530-01		1	5.00	50	5.00	0.00	4.86	4.86	0.14	0.06	4.80	11/13/2025	13:36
4	Q3530-02		1	5.00	50	5.00	0.00	4.78	4.78	0.22	0.14	11.20	11/13/2025	13:39
5	Q3609-01		1	5.09	50	5.00	0.00	4.90	4.90	0.10	0.02	1.57	11/13/2025	13:42
6	Q3609-01DUP		1	5.06	50	5.00	0.00	4.90	4.90	0.10	0.02	1.58	11/13/2025	13:45
7	Q3609-01MS	250	1	5.06	50	5.00	0.00	2.24	2.24	2.76	2.68	211.86	11/13/2025	13:48
8	Q3609-01MSD	250	1	5.06	50	5.00	0.00	2.18	2.18	2.82	2.74	216.60	11/13/2025	13:51
9	Q3609-04		1	5.06	50	5.00	0.00	4.88	4.88	0.12	0.04	3.16	11/13/2025	13:54
10	Q3609-07		1	5.07	50	5.00	0.00	4.90	4.90	0.10	0.02	1.58	11/13/2025	13:57
11	Q3609-10		1	5.05	50	5.00	0.00	4.90	4.90	0.10	0.02	1.58	11/13/2025	14:00

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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12	Q3609-13		1	5.04	50	5.00	0.00	4.88	4.88	0.12	0.04	3.17	11/13/2025	14:03

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