

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB137333

ANALYST: Iwona

SUPERVISOR REVIEW BY: JIGNESH

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	PB169854BL		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	09/26/2025	12:30
2	Q3167-02		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	09/26/2025	12:33
3	Q3167-02DUP		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	09/26/2025	12:36
4	Q3168-04		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	09/26/2025	12:39
5	Q3170-02		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	09/26/2025	12:42
6	Q3181-03		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	09/26/2025	12:45
7	Q3181-07		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.02	1.60	09/26/2025	12:48
8	Q3181-11		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	09/26/2025	12:51
9	Q3183-10		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	09/26/2025	12:54
10	Q3183-11		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.02	1.60	09/26/2025	12:57
11	Q3183-12		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.06	4.79	09/26/2025	13:00
12	Q3188-05		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	09/26/2025	13:03

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

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Normality2: 0.025

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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
13	Q3191-01		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	09/26/2025	13:06
14	Q3196-01		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	09/26/2025	13:10
15	Q3196-02		1	5.08	50	2.00	0.00	1.84	1.84	0.16	0.08	6.30	09/26/2025	13:14
16	Q3196-03		1	5.08	50	2.00	0.00	1.90	1.90	0.10	0.02	1.57	09/26/2025	13:17
17	Q3196-04		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	09/26/2025	13:20
18	Q3196-05		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	09/26/2025	13:23
19	Q3208-06		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	09/26/2025	13:27
20	Q3208-12		1	5.08	50	2.00	0.00	1.90	1.90	0.10	0.02	1.57	09/26/2025	13:30

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