

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135785

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3114
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	PB168011BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	05/15/2025	11:03
2	Q2017-04		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	05/15/2025	11:06
3	Q2017-04DUP		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	05/15/2025	11:09
4	Q2017-08		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.06	4.79	05/15/2025	11:11
5	Q2019-04		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	05/15/2025	11:14
6	Q2020-04		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	05/15/2025	11:17
7	Q2027-03		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	05/15/2025	11:20
8	Q2027-04		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	05/15/2025	11:22
9	Q2032-09		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.08	6.34	05/15/2025	11:25
10	Q2034-04		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	05/15/2025	11:28
11	Q2034-08		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.08	6.32	05/15/2025	11:30
12	Q2034-12		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	05/15/2025	11:32

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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SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3114
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	Q2034-16		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	05/15/2025	11:34
14	Q2034-20		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.06	4.77	05/15/2025	11:36
15	Q2034-24		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	05/15/2025	11:39
16	Q2038-02		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	05/15/2025	11:42
17	Q2048-04		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	05/15/2025	11:45
18	Q2048-08		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.08	6.39	05/15/2025	11:48
19	Q2048-12		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	05/15/2025	11:50
20	Q2048-16		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	05/15/2025	11:53

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