

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135169

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	PB167287BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	03/25/2025	11:30
2	Q1626-03		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	03/25/2025	11:33
3	Q1626-03DUP		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	03/25/2025	11:36
4	Q1627-01		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	03/25/2025	11:38
5	Q1630-02		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	03/25/2025	11:41
6	Q1632-02		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	03/25/2025	11:44
7	Q1633-01		1	5.08	50	2.00	0.00	1.88	1.88	0.12	0.04	3.15	03/25/2025	11:46
8	Q1635-04		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	03/25/2025	11:48
9	Q1636-04		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	03/25/2025	11:50
10	Q1636-08		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	03/25/2025	11:53
11	Q1636-12		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	03/25/2025	11:55
12	Q1636-16		1	5.08	50	2.00	0.00	1.90	1.90	0.10	0.02	1.57	03/25/2025	11:58

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	Q1636-20		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	03/25/2025	12:00

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