

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136844

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	PB169254BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	08/15/2025	15:10
2	Q2791-01		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	08/15/2025	15:13
3	Q2843-01		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	08/15/2025	15:16
4	Q2843-02		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.06	4.73	08/15/2025	15:18
5	Q2843-03		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.08	6.36	08/15/2025	15:20
6	Q2843-04		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	08/15/2025	15:23
7	Q2844-03		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	08/15/2025	15:26
8	Q2844-05		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	08/15/2025	15:28
9	Q2844-08		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.06	4.75	08/15/2025	15:30
10	Q2844-10		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.08	6.39	08/15/2025	15:32
11	Q2844-12		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.08	6.32	08/15/2025	15:34
12	Q2855-02		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	08/15/2025	15:36

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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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	Q2856-05		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	08/15/2025	15:39
14	Q2865-02		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.06	4.77	08/15/2025	15:42
15	Q2874-01		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	08/15/2025	15:45
16	Q2874-02		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	08/15/2025	15:48
17	Q2874-02DUP		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	08/15/2025	15:51
18	Q2884-04		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	08/15/2025	15:53

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