

Analysis Method: 9034

ANALYST: Iwona

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: jignesh

Run Number: LB134488

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	PB166323BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	01/30/2025	15:00
2	Q1205-02		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	01/30/2025	15:03
3	Q1205-02DUP		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	01/30/2025	15:06
4	Q1206-04		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	01/30/2025	15:09
5	Q1206-08		1	5.01	50	2.00	0.00	1.92	1.92	0.08	0.02	1.60	01/30/2025	15:12
6	Q1207-04		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	01/30/2025	15:15
7	Q1207-08		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.10	7.97	01/30/2025	15:18
8	Q1207-12		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	01/30/2025	15:21
9	Q1207-16		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	01/30/2025	15:24
10	Q1207-20		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	01/30/2025	15:27
11	Q1209-04		1	5.05	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	01/30/2025	15:30
12	Q1209-08		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.06	4.78	01/30/2025	15:33

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	Q1215-04		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.06	4.78	01/30/2025	15:36
14	Q1215-08		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	01/30/2025	15:39
15	Q1216-04		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	01/30/2025	15:42
16	Q1216-08		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.10	7.97	01/30/2025	15:45
17	Q1216-12		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	01/30/2025	15:48
18	Q1216-16		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	01/30/2025	15:52
19	Q1216-20		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	01/30/2025	15:55
20	Q1218-02		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	01/30/2025	15:58
21	Q1219-02		1	5.01	50	2.00	0.00	1.84	1.84	0.16	0.10	7.98	01/30/2025	16:02
22	Q1221-02		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	01/30/2025	16:05

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