

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB126040

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2976
IODINE SOLUTION .025N 1L	W2924
Starch Solution, 4L	W2977

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	PB153540BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	06/19/2023	12:50
2	O3233-01		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/19/2023	12:53
3	O3233-01DUP		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/19/2023	12:55
4	O3233-02		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	06/19/2023	12:58
5	O3233-03		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	06/19/2023	13:00
6	O3255-02		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	06/19/2023	13:03
7	O3255-08		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	06/19/2023	13:05
8	O3256-02		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	06/19/2023	13:08
9	O3262-02		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	06/19/2023	13:10
10	O3262-05		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	06/19/2023	13:12
11	O3262-08		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	06/19/2023	13:15
12	O3282-02		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	06/19/2023	13:17

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	W2924
Starch Solution, 4L	W2977

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	03282-07		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	06/19/2023	13:20
14	03289-03		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.10	7.89	06/19/2023	12:23
15	03289-06		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	06/19/2023	13:25
16	03289-09		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	06/19/2023	13:28
17	03289-11		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	06/19/2023	13:30
18	03289-12		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	06/19/2023	13:33
19	03289-14		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.10	7.89	06/19/2023	13:35
20	03289-18		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	06/19/2023	13:38
21	03289-21		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	06/19/2023	13:40
22	03289-24		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	06/19/2023	13:43

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