

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125992

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	PB153460BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	06/16/2023	10:50
2	O3214-03		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/16/2023	10:53
3	O3214-03DUP		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/16/2023	10:56
4	O3222-02		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	06/16/2023	10:58
5	O3222-08		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	06/16/2023	11:00
6	O3222-14		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	06/16/2023	11:03
7	O3222-20		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	06/16/2023	11:06
8	O3223-02		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	06/16/2023	11:08
9	O3223-08		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	06/16/2023	11:10
10	O3223-14		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	06/16/2023	11:12
11	O3223-20		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	06/16/2023	11:15
12	O3224-02		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	06/16/2023	11:18

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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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	03224-08		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	06/16/2023	11:20
14	03224-13		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	06/16/2023	11:23
15	03228-01		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	06/16/2023	11:25
16	03228-02		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	06/16/2023	11:28
17	03228-03		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	06/16/2023	11:30
18	03229-02		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	06/16/2023	11:33
19	03229-09		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	06/16/2023	11:35

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