

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB126303

ANALYST: Rubina
 SUPERVISOR REVIEW BY: Iwona
 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	PB153897BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	07/05/2023	09:00
2	O3464-01		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	07/05/2023	09:03
3	O3464-01DUP		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	07/05/2023	09:06
4	O3464-02		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	07/05/2023	09:08
5	O3465-01		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	07/05/2023	09:10
6	O3465-02		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	07/05/2023	09:13
7	O3469-01		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	07/05/2023	09:15
8	O3469-02		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	07/05/2023	09:18
9	O3471-01		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	07/05/2023	09:20
10	O3471-02		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	07/05/2023	09:23
11	O3482-01		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	07/05/2023	09:25
12	O3482-02		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	07/05/2023	09:28

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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Normality2: 0.025

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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	03482-03		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	07/05/2023	09:30
14	03488-02		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	07/05/2023	09:33
15	03492-02		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	07/05/2023	09:35
16	03492-05		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	07/05/2023	09:38
17	03509-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	07/05/2023	09:40
18	03509-07		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	07/05/2023	09:42
19	03509-12		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	07/05/2023	09:45
20	03509-17		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	07/05/2023	09:48
21	03509-22		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	07/05/2023	09:50

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