

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB126861

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	PB154762BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	08/15/2023	07:50
2	O3969-01		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	08/15/2023	07:53
3	O3969-01DUP		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	08/15/2023	07:55
4	O3969-02		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	08/15/2023	07:58
5	O3969-03		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	08/15/2023	08:00
6	O3969-06		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	08/15/2023	08:03
7	O3971-03		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	08/15/2023	08:05
8	O3972-05		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	08/15/2023	08:08
9	O3973-02		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	08/15/2023	08:10
10	O3973-04		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	08/15/2023	08:12
11	O3973-06		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	08/15/2023	08:15
12	O3973-08		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	08/15/2023	08:18

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	03973-10		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	08/15/2023	08:20
14	03973-12		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	08/15/2023	08:23
15	03973-14		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	08/15/2023	08:25
16	03985-02		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	08/15/2023	08:28
17	03985-04		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	08/15/2023	08:30

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