

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125151

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	PB152376BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	04/25/2023	15:20
2	O2425-01		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	04/25/2023	15:23
3	O2425-01DUP		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	04/25/2023	15:26
4	O2425-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	04/25/2023	15:29
5	O2464-02		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	04/25/2023	15:32
6	O2464-04		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	04/25/2023	15:35
7	O2470-02		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	04/25/2023	15:38
8	O2470-04		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	04/25/2023	15:41
9	O2470-06		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	04/25/2023	15:44
10	O2470-08		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	04/25/2023	15:47
11	O2470-10		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	04/25/2023	15:50
12	O2470-12		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	04/25/2023	15:53

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

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB125151

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
13	O2470-14		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	04/25/2023	15:56
14	O2470-16		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	04/25/2023	15:58

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