

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124390

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2941
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	PB151161BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	03/07/2023	11:00
2	O1748-01		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	03/07/2023	11:03
3	O1748-01DUP		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	03/07/2023	11:06
4	O1748-02		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	03/07/2023	11:09
5	O1766-01		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	03/07/2023	11:12
6	O1767-04		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	03/07/2023	11:15
7	O1767-08		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	03/07/2023	11:18
8	O1767-12		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	03/07/2023	11:21
9	O1767-16		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	03/07/2023	11:24
10	O1770-02		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	03/07/2023	11:27
11	O1798-01		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	03/07/2023	11:30
12	O1821-02		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.06	4.72	03/07/2023	11:33

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: LB124390

ANALYST: Rubina

SUPERVISOR REVIEW BY: Iwona

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2941
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	O1825-02		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	03/07/2023	11:36
14	O1825-04		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	03/07/2023	11:39
15	O1825-06		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.10	7.89	03/07/2023	11:42
16	O1825-08		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	03/07/2023	11:45

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