

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB123628

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 Volume (mL)	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	PB150124BL		1	50	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	01/11/2023	11:10
2	O1052-01		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	01/11/2023	11:13
3	O1052-01DUP		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	01/11/2023	11:15
4	O1054-05		1	50	50	2.00	0.00	1.82	1.82	0.18	0.10	0.80	01/11/2023	11:17
5	O1054-06		1	50	50	2.00	0.00	1.90	1.90	0.10	0.02	0.16	01/11/2023	11:19
6	O1054-07		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	01/11/2023	11:21
7	O1066-01		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	01/11/2023	11:23
8	O1103-01		1	50	50	2.00	0.00	1.84	1.84	0.16	0.08	0.64	01/11/2023	11:25
9	O1111-04		1	50	50	2.00	0.00	1.82	1.82	0.18	0.10	0.80	01/11/2023	11:27
10	O1111-05		1	50	50	2.00	0.00	1.84	1.84	0.16	0.08	0.64	01/11/2023	11:30
11	O1111-06		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	01/11/2023	11:32
12	O1111-07		1	50	50	2.00	0.00	1.84	1.84	0.16	0.08	0.64	01/11/2023	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

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Seq	Lab ID	True Value (mg/l)	DF	Initial Volume (mL)	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	O1111-08		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	01/11/2023	11:37

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