

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124868

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	PB151816BL		1	50	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	04/06/2023	11:30
2	O2129-03		1	50	50	2.00	0.00	1.90	1.90	0.10	0.02	0.16	04/06/2023	11:33
3	O2129-03DUP		1	50	50	2.00	0.00	1.90	1.90	0.10	0.02	0.16	04/06/2023	11:36
4	O2167-01		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	04/06/2023	11:39
5	O2195-03		1	50	50	2.00	0.00	1.82	1.82	0.18	0.10	0.80	04/06/2023	11:42
6	O2195-04		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	04/06/2023	11:45
7	O2195-05		1	50	50	2.00	0.00	1.82	1.82	0.18	0.10	0.80	04/06/2023	11:48
8	O2195-06		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	04/06/2023	11:51
9	O2206-05		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	04/06/2023	11:54
10	O2206-06		1	50	50	2.00	0.00	1.82	1.82	0.18	0.10	0.80	04/06/2023	11:57
11	O2206-07		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	04/06/2023	12:00
12	O2206-08		1	50	50	2.00	0.00	1.82	1.82	0.18	0.10	0.80	04/06/2023	12:03

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 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	O2214-02		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	04/06/2023	12:06
14	O2214-03		1	50	50	2.00	0.00	1.84	1.84	0.16	0.08	0.64	04/06/2023	12:09
15	O2217-01		1	50	50	2.00	0.00	1.82	1.82	0.18	0.10	0.80	04/06/2023	12:12
16	O2217-02		1	50	50	2.00	0.00	1.84	1.84	0.16	0.08	0.64	04/06/2023	12:15

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