

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133506

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3114
Starch Solution, 4L	W3149

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	PB164985BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	11/19/2024	09:15
2	P4833-04		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	11/19/2024	09:18
3	P4833-04DUP		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	11/19/2024	09:20
4	P4833-08		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	11/19/2024	09:23
5	P4848-02		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	11/19/2024	09:25
6	P4849-02		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.06	4.79	11/19/2024	09:28
7	P4870-13		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	11/19/2024	09:30
8	P4870-14		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.06	4.79	11/19/2024	09:33
9	P4870-15		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	11/19/2024	09:35
10	P4870-16		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	11/19/2024	09:38
11	P4887-02		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	11/19/2024	09:40
12	P4887-06		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	11/19/2024	09:43

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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SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3114
Starch Solution, 4L	W3149

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	P4890-06		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	11/19/2024	09:45
14	P4892-03		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	11/19/2024	09:48
15	P4893-04		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.06	4.79	11/19/2024	09:50
16	P4893-08		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.06	4.79	11/19/2024	09:53

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