

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132064

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	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	PB162775BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	08/19/2024	08:20
2	P3611-03		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	08/19/2024	08:23
3	P3611-03DUP		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	08/19/2024	08:26
4	P3611-04		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	08/19/2024	08:28
5	P3611-05		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	08/19/2024	08:30
6	P3611-06		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	08/19/2024	08:33
7	P3611-08		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	08/19/2024	08:35
8	P3612-01		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.06	4.79	08/19/2024	08:38
9	P3631-01		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	08/19/2024	08:40
10	P3636-01		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	08/19/2024	08:42
11	P3637-02		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	08/19/2024	08:45
12	P3640-02		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	08/19/2024	08:48

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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SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3114
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	P3652-01		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	08/19/2024	08:50

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