

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB131404

ANALYST: Rubina
 SUPERVISOR REVIEW BY: Iwona
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3050
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	PB161648BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	06/25/2024	12:50
2	P2976-04		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	06/25/2024	12:53
3	P2998-04		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	06/25/2024	12:55
4	P3008-03		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	06/25/2024	12:58
5	P3009-03		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.06	4.75	06/25/2024	13:00
6	P3020-01		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	06/25/2024	13:03
7	P3021-03		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	06/25/2024	13:05
8	P3021-06		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	06/25/2024	13:08
9	P3021-09		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.06	4.77	06/25/2024	13:10
10	P3021-12		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	06/25/2024	13:13
11	P3045-02		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	06/25/2024	13:15
12	P3045-04		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	06/25/2024	13:18

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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13	P3045-06		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	06/25/2024	13:20
14	P3045-08		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	06/25/2024	13:22
15	P3045-10		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	06/25/2024	13:25
16	P3045-10DUP		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	06/25/2024	13:28
17	P3049-02		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	06/25/2024	13:30

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