

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB131642

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	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	PB162025BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	07/17/2024	10:50
2	P3208-07		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	07/17/2024	10:52
3	P3208-07DUP		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	07/17/2024	10:55
4	P3208-08		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	07/17/2024	10:58
5	P3208-09		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	07/17/2024	11:00
6	P3210-01		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	07/17/2024	11:02
7	P3210-02		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	07/17/2024	11:05
8	P3212-01		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	07/17/2024	11:08
9	P3223-06		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	07/17/2024	11:10
10	P3224-04		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	07/17/2024	11:12
11	P3224-08		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	07/17/2024	11:15
12	P3224-12		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	07/17/2024	11:18

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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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	P3224-16		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	07/17/2024	11:20
14	P3224-20		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	07/17/2024	11:22
15	P3224-24		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	07/17/2024	11:25
16	P3224-28		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	07/17/2024	11:28
17	P3224-32		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	07/17/2024	11:30
18	P3224-36		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	07/17/2024	11:33

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