

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB131868

ANALYST: rubina
 SUPERVISOR REVIEW BY: jignesh
 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	PB162494BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	08/05/2024	13:45
2	P3448-02		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	08/05/2024	13:48
3	P3448-02DUP		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	08/05/2024	13:50
4	P3448-04		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	08/05/2024	13:53
5	P3448-06		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.06	4.73	08/05/2024	13:56
6	P3448-08		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	08/05/2024	13:58
7	P3448-10		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	08/05/2024	14:00
8	P3448-12		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	08/05/2024	14:03
9	P3448-14		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	08/05/2024	14:06
10	P3462-04		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	08/05/2024	14:08
11	P3462-08		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.06	4.75	08/05/2024	14:10
12	P3462-12		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.04	3.20	08/05/2024	14:13

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