

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB131048

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	PB161247BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	06/04/2024	10:45
2	P2657-04		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	06/04/2024	10:48
3	P2657-04DUP		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	06/04/2024	10:50
4	P2657-08		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/04/2024	10:52
5	P2657-12		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	06/04/2024	10:55
6	P2657-16		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	06/04/2024	10:58
7	P2657-20		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	06/04/2024	11:00
8	P2662-04		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.10	7.89	06/04/2024	11:03
9	P2668-04		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	06/04/2024	11:06
10	P2668-08		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	06/04/2024	11:08
11	P2681-01		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	06/04/2024	11:10
12	P2683-03		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	06/04/2024	11:13

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

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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
13	P2683-06		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	06/04/2024	11:16
14	P2686-04		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	06/04/2024	11:18
15	P2686-08		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	06/04/2024	11:20
16	P2687-03		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/04/2024	11:23
17	P2687-06		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	06/04/2024	11:25
18	P2687-09		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	06/04/2024	11:28
19	P2688-01		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	06/04/2024	11:30
20	P2688-03		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	06/04/2024	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