

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB130739

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	PB160861BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	05/13/2024	13:20
2	P2437-03		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	05/13/2024	16:23
3	P2437-03DUP		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	05/13/2024	16:25
4	P2437-04		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	05/13/2024	16:28
5	P2437-05		1	5.01	50	2.00	0.00	1.82	1.82	0.18	0.10	7.98	05/13/2024	16:30
6	P2444-04		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	05/13/2024	16:32
7	P2465-05		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	05/13/2024	16:35
8	P2468-04		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	05/13/2024	16:38
9	P2469-04		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	05/13/2024	16:40
10	P2470-04		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	05/13/2024	16:42

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