

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB130993

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	PB161165BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	05/30/2024	08:55
2	P2612-03		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	05/30/2024	08:58
3	P2612-03DUP		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	05/30/2024	09:00
4	P2612-06		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	05/30/2024	09:03
5	P2612-09		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.02	1.60	05/30/2024	09:05
6	P2612-12		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	05/30/2024	09:08
7	P2637-04		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	05/30/2024	09:10
8	P2646-04		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	05/30/2024	09:13

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