

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB131310

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 Volume (mL)	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	PB161570BL		1	50	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	06/19/2024	14:25
2	P2938-04		1	50	50	2.00	0.00	1.92	1.92	0.08	0.02	0.16	06/19/2024	14:28
3	P2938-04DUP		1	50	50	2.00	0.00	1.92	1.92	0.08	0.02	0.16	06/19/2024	14:30
4	P2938-05		1	50	50	2.00	0.00	1.86	1.86	0.14	0.08	0.64	06/19/2024	14:32
5	P2938-06		1	50	50	2.00	0.00	1.90	1.90	0.10	0.04	0.32	06/19/2024	14:35
6	P2938-07		1	50	50	2.00	0.00	1.88	1.88	0.12	0.06	0.48	06/19/2024	14:38
7	P2942-01		1	50	50	2.00	0.00	1.90	1.90	0.10	0.04	0.32	06/19/2024	14:40
8	P2956-02		1	50	50	2.00	0.00	1.88	1.88	0.12	0.06	0.48	06/19/2024	14:43

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