

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB135985

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	W3213
Starch Solution, 4L	W3149

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	PB168250BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	06/02/2025	14:00
2	Q2168-02		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	06/02/2025	14:03
3	Q2168-02DUP		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	06/02/2025	14:06
4	Q2168-06		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	06/02/2025	14:08
5	Q2168-10		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	06/02/2025	14:10
6	Q2177-03		1	5.08	50	2.00	0.00	1.90	1.90	0.10	0.04	3.15	06/02/2025	14:13
7	Q2177-05		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.06	4.78	06/02/2025	14:15
8	Q2177-07		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	06/02/2025	14:18

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