

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB135717

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	W3114
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	PB167922BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	05/09/2025	12:10
2	Q1986-02		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	05/09/2025	12:12
3	Q1986-02DUP		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	05/09/2025	12:14
4	Q1986-04		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	05/09/2025	12:17
5	Q1986-06		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	05/09/2025	12:19
6	Q1986-08		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	05/09/2025	12:21
7	Q1986-10		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	05/09/2025	12:24

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