

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB136442

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 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	PB168779BL		1	50	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	07/11/2025	13:10
2	Q2545-01		1	50	50	2.00	0.00	1.88	1.88	0.12	0.06	0.48	07/11/2025	13:13
3	Q2545-01DUP		1	50	50	2.00	0.00	1.88	1.88	0.12	0.06	0.48	07/11/2025	13:16
4	Q2550-01		1	50	50	2.00	0.00	1.90	1.90	0.10	0.04	0.32	07/11/2025	13:19
5	Q2551-01		1	50	50	2.00	0.00	1.90	1.90	0.10	0.04	0.32	07/11/2025	13:22
6	Q2565-01		1	50	50	2.00	0.00	1.86	1.86	0.14	0.08	0.64	07/11/2025	13:25

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