

Analysis Method: SM4500 S EorF

Parameter: Sulfide

Run Number: LB136096

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)	AnalDate	Anal Time
1	PB168394BL		1	50	50	5.00	0.00	4.94	4.94	0.06	0.00	0.00	06/10/2025	17:40
2	PB168394BS	25	1	50	50	5.00	0.00	2.26	2.26	2.74	2.68	21.44	06/10/2025	17:43
3	Q2126-10		1	50	50	5.00	0.00	4.86	4.86	0.14	0.08	0.64	06/10/2025	17:46
4	Q2126-11		1	50	50	5.00	0.00	4.82	4.82	0.18	0.12	0.96	06/10/2025	17:49

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