

Analysis Method: SM4500 S EorF

Parameter: Sulfide

Run Number: LB134450

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 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	PB166271BL		1	50	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	01/27/2025	17:00
2	PB166271BS	25	1	50	50	5.00	0.00	2.30	2.30	2.70	2.62	20.96	01/27/2025	17:03
3	Q1168-10		1	50	50	5.00	0.00	4.84	4.84	0.16	0.08	0.64	01/27/2025	17:06
4	Q1168-11		1	50	50	5.00	0.00	4.80	4.80	0.20	0.12	0.96	01/27/2025	17:09

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