

Analysis Method: SM4500 S EorF

Parameter: Sulfide

Run Number: LB133005

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	PB164226BL		1	50	50	5.00	0.00	4.94	4.94	0.06	0.00	0.00	10/18/2024	14:15
2	PB164226BS	25	1	50	50	5.00	0.00	1.94	1.94	3.06	3.00	24.00	10/18/2024	14:18
3	P4368-12		1	50	50	5.00	0.00	4.88	4.88	0.12	0.06	0.48	10/18/2024	14:21

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