Analysis Method: SM4500 S EorF

Parameter: Sulfide

Run Number: LB132668

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	W2977

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	PB163762BL		1	50	50	5.00	0.00	4.88	4.88	0.12	0.00	0.00	09/30/2024	13:21
2	PB163762BS	25	1	50	50	5.00	0.00	2.24	2.24	2.76	2.64	21.12	09/30/2024	13:24
3	P3848-28		1	50	50	5.00	0.00	4.52	4.52	0.48	0.36	2.88	09/30/2024	13:27

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