Analytical Summary Report

Analysis Method: SM4500 S EorF

Parameter: Sulfide

Run Number: LB129584

ANALYST: Rubina

SUPERVISOR REVIEW BY: Iwona

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE,0.025N,4LITRE	W2976
IODINE SOLUTION .025N 1L	W3050
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	PB159088BL		1	50	50	5.00	0.00	4.86	4.86	0.14	0.00	0.00	02/19/2024	13:10
2	PB159088BS	25	1	50	50	5.00	0.00	1.94	1.94	3.06	2.92	23.36	02/19/2024	13:13
3	P1187-12		1	50	50	5.00	0.00	4.80	4.80	0.20	0.06	0.48	02/19/2024	13:16

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