

Analysis Method: SM4500 S EorF

Parameter: Sulfide

Run Number: LB129561

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	PB159053BL		1	50	50	5.00	0.00	4.88	4.88	0.12	0.00	0.00	02/16/2024	12:45
2	PB159053BS	25	1	50	50	5.00	0.00	1.92	1.92	3.08	2.96	23.68	02/16/2024	12:48
3	P1187-10		1	50	50	5.00	0.00	4.82	4.82	0.18	0.06	0.48	02/16/2024	12:51
4	P1187-11		1	50	50	5.00	0.00	4.74	4.74	0.26	0.14	1.12	02/16/2024	12:54

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