

Analysis Method: SM4500 S EorF

Parameter: Sulfide

Run Number: LB131872

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	PB162512BL		1	50	50	5.00	0.00	4.88	4.88	0.12	0.00	0.00	08/05/2024	17:20
2	PB162512BS	25	1	50	50	5.00	0.00	2.22	2.22	2.78	2.66	21.28	08/05/2024	17:23
3	P3390-10		1	50	50	5.00	0.00	4.82	4.82	0.18	0.06	0.48	08/05/2024	17:26
4	P3390-11		1	50	50	5.00	0.00	4.72	4.72	0.28	0.16	1.28	08/05/2024	17:29

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