

Analysis Method: SM4500 S EorF

ANALYST: Rubina

Parameter: Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130393

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	PB160284BL		1	50	50	5.00	0.00	4.98	4.98	0.02	0.00	0.00	04/18/2024	13:25
2	PB160284BS	25	1	50	50	5.00	0.00	1.92	1.92	3.08	3.06	24.48	04/18/2024	13:28
3	P1911-28		1	50	50	5.00	0.00	4.50	4.50	0.50	0.48	3.84	04/18/2024	13:31

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