

Analysis Method: SM4500 S EorF

ANALYST: apatel

Parameter: Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB119269

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2864
Starch Solution, 4L	W2766

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	PB143510BL		1	50	50	5.00	0.00	4.98	4.98	0.02	0.00	0.00	03/21/2022	16:25
2	PB143510BS	25	1	50	50	5.00	0.00	2.34	2.34	2.66	2.64	21.12	03/21/2022	16:28
3	N1873-29		1	50	50	5.00	0.00	4.40	4.40	0.60	0.58	4.64	03/21/2022	16:32

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