

Analysis Method: SM4500 S EorF

ANALYST: Iwona

Parameter: Sulfide

SUPERVISOR REVIEW BY: Sohil

Run Number: LB127890

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2976
Starch Solution, 4L	W2977
IODINE SOLUTION .025N 1L	W3050

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	PB156515BL		1	50	50	5.00	0.00	4.96	4.96	0.04	0.00	0.00	10/19/2023	15:10
2	PB156515BS	25	1	50	50	5.00	0.00	1.90	1.90	3.10	3.06	24.48	10/19/2023	15:15
3	O4349-28		1	50	50	5.00	0.00	3.90	3.90	1.10	1.06	8.48	10/19/2023	15:18
4	O4699-10		1	50	50	5.00	0.00	4.90	4.90	0.10	0.06	0.48	10/19/2023	15:22
5	O4699-11		1	50	50	5.00	0.00	4.84	4.84	0.16	0.12	0.96	10/19/2023	15:25
6	O4699-12		1	50	50	5.00	0.00	4.88	4.88	0.12	0.08	0.64	10/19/2023	15:30

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