

Analysis Method: SM4500 S EorF

Parameter: Sulfide

Run Number: LB125127

ANALYST: Iwona

SUPERVISOR REVIEW BY: Sohil

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2976
IODINE SOLUTION .025N 1L	W2924
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	PB152229BL		1	50	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	04/20/2023	14:30
2	PB152229BS	25	1	50	50	5.00	0.00	2.30	2.30	2.70	2.62	20.96	04/20/2023	14:33
3	O1627-10		1	50	50	5.00	0.00	4.84	4.84	0.16	0.08	0.64	04/20/2023	14:36
4	O1627-11		1	50	50	5.00	0.00	4.80	4.80	0.20	0.12	0.96	04/20/2023	14:40
5	O1627-12		1	50	50	5.00	0.00	4.86	4.86	0.14	0.06	0.48	04/20/2023	14:42
6	O1953-28		1	50	50	5.00	0.00	4.42	4.42	0.58	0.50	4.00	04/20/2023	14:45

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