

Analysis Method: SM4500 S EorF

ANALYST: mohammad

Parameter: Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB122567

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2924
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	PB148491BL		1	50	50	5.00	0.00	4.88	4.88	0.12	0.00	0.00	10/21/2022	13:04
2	PB148491BS	25	1	50	50	5.00	0.00	2.22	2.22	2.78	2.66	21.28	10/21/2022	13:04
3	N4788-29		1	50	50	5.00	0.00	4.38	4.38	0.62	0.50	4.00	10/21/2022	13:04
4	N4955-10		1	50	50	5.00	0.00	4.78	4.78	0.22	0.10	0.80	10/21/2022	13:05
5	N4955-11		1	50	50	5.00	0.00	4.72	4.72	0.28	0.16	1.28	10/21/2022	13:05
6	N4955-12		1	50	50	5.00	0.00	4.82	4.82	0.18	0.06	0.48	10/21/2022	13:05

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