

Analysis Method: SM4500 S E

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: mohammad

Run Number: LB121130

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	PB146311BL		1	50	50	5.00	0.00	4.90	4.90	0.10	0.00	0.00	07/19/2022	11:35
2	PB146311BS	25	1	50	50	5.00	0.00	2.30	2.30	2.70	2.60	20.80	07/19/2022	11:38
3	N3214-09		1	50	50	5.00	0.00	4.84	4.84	0.16	0.06	0.48	07/19/2022	11:40
4	N3214-12		1	50	50	5.00	0.00	4.82	4.82	0.18	0.08	0.64	07/19/2022	11:42

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