

Analysis Method: SM4500 S EorF

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB116727

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	W2703

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	PB139726BL		1	50	50	5.00	0.00	5.00	5.00	0.00	0.00	0.00	10/07/2021	15:15
2	PB139726BS	25	1	50	50	5.00	0.00	2.28	2.28	2.72	2.72	21.76	10/07/2021	15:18
3	M3705-31		1	50	50	5.00	0.00	4.30	4.30	0.70	0.70	5.60	10/07/2021	15:22
4	M4068-10		1	50	50	5.00	0.00	4.96	4.96	0.04	0.04	0.32	10/07/2021	15:25
5	M4068-11		1	50	50	5.00	0.00	4.68	4.68	0.32	0.32	2.56	10/07/2021	15:28

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