

Analysis Method: SM4500 S EorF
 Parameter: Sulfide
 Run Number: LB115271

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP90938
IODINE SOLUTION .025N 1L	W2763
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	PB137587BL		1	50	50	5.00	0.00	4.94	4.94	0.06	0.00	0.00	07/08/2021	15:45
2	PB137587BS	25	1	50	50	5.00	0.00	2.30	2.30	2.70	2.64	21.12	07/08/2021	15:48
3	M2940-10		1	50	50	5.00	0.00	4.88	4.88	0.12	0.06	0.48	07/08/2021	15:50
4	M2940-11		1	50	50	5.00	0.00	4.84	4.84	0.16	0.10	0.80	07/08/2021	15:52

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