

Analysis Method: SM4500 S E
 Parameter: Sulfide
 Run Number: LB109956

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP84605
IODINE SOLUTION .025N 1L	W2669
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	PB130113BL		1	50	50	5.00	0.00	4.88	4.88	0.12	0.00	0.00	07/10/2020	14:20
2	PB130113BS	25	1	50	50	5.00	0.00	2.20	2.20	2.80	2.68	21.44	07/10/2020	14:22
3	L3216-10		1	50	50	5.00	0.00	4.82	4.82	0.18	0.06	0.48	07/10/2020	14:25
4	L3216-11		1	50	50	5.00	0.00	4.74	4.74	0.26	0.14	1.12	07/10/2020	14:28

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