

Analysis Method: SM4500 S E

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB101058

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP71781
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2379

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	PB117452BL		1	50	50	5.00	0.00	4.56	4.56	0.44	0.00	0.00	02/27/2019	15:10
2	PB117452BS	25	1	50	50	5.00	0.00	2.06	2.06	2.94	2.50	20.00	02/27/2019	15:12
3	K1560-10		1	50	50	5.00	0.00	4.50	4.50	0.50	0.06	0.48	02/27/2019	15:15
4	K1560-11		1	50	50	5.00	0.00	4.26	4.26	0.74	0.30	2.40	02/27/2019	15:18

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