

Analysis Method: SM4500 S E

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB103845

Constant: 16000

Normality1: 0.03

Normality2: 0.03

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP74519
IODINE SOLUTION .025N 1L	W2480
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	PB121117BL		1	50	50	5.00	0.00	4.80	4.80	0.20	0.00	0.00	07/02/2019	15:15
2	PB121117BS	25	1	50	50	5.00	0.00	2.24	2.24	2.76	2.56	20.48	07/02/2019	15:18
3	K3591-10		1	50	50	5.00	0.00	4.74	4.74	0.26	0.06	0.48	07/02/2019	15:22
4	K3591-11		1	50	50	5.00	0.00	4.64	4.64	0.36	0.16	1.28	07/02/2019	15:25

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