

Analysis Method: SM4500 S E

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB111417

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP87313
IODINE SOLUTION .025N 1L	W2670
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	PB132268BL		1	50	50	5.00	0.00	4.88	4.88	0.12	0.00	0.00	10/09/2020	15:50
2	PB132268BS	25	1	50	50	5.00	0.00	1.96	1.96	3.04	2.92	23.36	10/09/2020	15:52
3	L4214-10		1	50	50	5.00	0.00	4.82	4.82	0.18	0.06	0.48	10/09/2020	15:55
4	L4214-11		1	50	50	5.00	0.00	4.74	4.74	0.26	0.14	1.12	10/09/2020	15:58

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