

Analysis Method: SM4500 S EorF

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB114315

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP90315
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	PB136229BL		1	50	50	5.00	0.00	5.00	5.00	0.00	0.00	0.00	05/06/2021	14:20
2	PB136229BS	25	1	50	50	5.00	0.00	2.46	2.46	2.54	2.54	20.32	05/06/2021	14:22
3	M2262-10		1	50	50	5.00	0.00	4.96	4.96	0.04	0.04	0.32	05/06/2021	14:25
4	M2262-11		1	50	50	5.00	0.00	4.86	4.86	0.14	0.14	1.12	05/06/2021	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