

Analysis Method: SM4500 S E

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB113418

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP88904
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	PB135053BL		1	50	50	5.00	0.00	5.00	5.00	0.00	0.00	0.00	03/09/2021	14:48
2	PB135053BS	25	1	50	50	5.00	0.00	2.36	2.36	2.64	2.64	21.12	03/09/2021	14:52
3	M1458-10		1	50	50	5.00	0.00	4.94	4.94	0.06	0.06	0.48	03/09/2021	14:55
4	M1458-11		1	50	50	5.00	0.00	4.74	4.74	0.26	0.26	2.08	03/09/2021	14:58
5	M1561-31		1	50	50	5.00	0.00	4.48	4.48	0.52	0.52	4.16	03/09/2021	15:02

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