

Analysis Method: SM4500 S EorF

ANALYST: KETANKUMAR

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB94321

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2276
IODINE SOLUTION .025N 1L	W2283
Starch Solution, 4L	W2121

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	PB107916BL		1	50	50	5.00	0.00	4.38	4.38	0.62	0.00	0.00	04/02/2018	14:45
2	PB107916BS	25	1	50	50	5.00	0.00	2.34	2.34	2.66	2.04	16.32	04/02/2018	14:48
3	J2133-10		1	50	50	5.00	0.00	4.32	4.32	0.68	0.06	0.48	04/02/2018	14:52
4	J2133-11		1	50	50	5.00	0.00	4.08	4.08	0.92	0.30	2.40	04/02/2018	14:56
5	J2133-12		1	50	50	5.00	4.08	8.36	4.28	0.72	0.10	0.80	04/02/2018	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