

Analysis Method: SM4500 S EorF

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB96191

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2337
IODINE SOLUTION .025N 1L	W2349
Starch Solution, 4L	W2277

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	PB110489BL		1	50	50	5.00	0.00	4.80	4.80	0.20	0.00	0.00	06/21/2018	16:32
2	PB110489BS	25	1	50	50	5.00	0.00	2.30	2.30	2.70	2.50	20.00	06/21/2018	16:35
3	J3631-01		1	50	50	5.00	0.00	4.06	4.06	0.94	0.74	5.92	06/21/2018	16:38
4	J3631-01DUP		1	50	50	5.00	4.06	8.14	4.08	0.92	0.72	5.76	06/21/2018	16:42
5	J3631-02	25	1	50	50	5.00	0.00	2.12	2.12	2.88	2.68	21.44	06/21/2018	16:45
6	J3631-03	25	1	50	50	5.00	2.12	4.26	2.14	2.86	2.66	21.28	06/21/2018	16:48
7	J3631-04		1	50	50	5.00	0.00	3.76	3.76	1.24	1.04	8.32	06/21/2018	16:52
8	J3631-05		1	50	50	5.00	0.00	3.62	3.62	1.38	1.18	9.44	06/21/2018	16:55
9	J3631-06		1	50	50	5.00	3.62	7.38	3.76	1.24	1.04	8.32	06/21/2018	16:58
10	J3631-08		1	50	50	5.00	0.00	3.58	3.58	1.42	1.22	9.76	06/21/2018	17:02

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