

Analysis Method: SM4500 S EorF

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91353

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2261
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	PB103975BL		1	50	50	5.00	0.00	4.52	4.52	0.48	0.00	0.00	11/03/2017	14:32
2	PB103975BS	25	1	50	50	5.00	0.00	2.02	2.02	2.98	2.50	20.00	11/03/2017	14:35
3	I6290-01		1	50	50	5.00	2.02	5.84	3.82	1.18	0.70	5.60	11/03/2017	14:38
4	I6290-01DUP		1	50	50	5.00	5.84	9.64	3.80	1.20	0.72	5.76	11/03/2017	14:40
5	I6290-02	25	1	50	50	5.00	0.00	1.92	1.92	3.08	2.60	20.80	11/03/2017	14:42
6	I6290-03	25	1	50	50	5.00	1.92	3.82	1.90	3.10	2.62	20.96	11/03/2017	14:44
7	I6290-04		1	50	50	5.00	0.00	3.86	3.86	1.14	0.66	5.28	11/03/2017	14:46
8	I6290-05		1	50	50	5.00	3.86	7.62	3.76	1.24	0.76	6.08	11/03/2017	14:50
9	I6290-06		1	50	50	5.00	0.00	3.64	3.64	1.36	0.88	7.04	11/03/2017	14:52
10	I6290-07		1	50	50	5.00	3.64	7.22	3.58	1.42	0.94	7.52	11/03/2017	14:55

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