

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90953

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2251
Starch Solution, 4L	W2121

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB103451BL		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	10/19/2017	14:02
2	I5981-03		1	5.04	50	2.00	1.80	3.50	1.70	0.30	0.10	7.94	10/19/2017	14:05
3	I5981-03DUP		1	5.03	50	2.00	3.50	5.18	1.68	0.32	0.12	9.54	10/19/2017	14:08
4	I5981-06		1	5.04	50	2.00	0.00	1.52	1.52	0.48	0.28	22.22	10/19/2017	14:10
5	I5981-09		1	5.06	50	2.00	1.52	2.94	1.42	0.58	0.38	30.04	10/19/2017	14:12
6	I5988-03		1	5.04	50	2.00	2.94	4.70	1.76	0.24	0.04	3.17	10/19/2017	14:15

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