

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB85914

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2169
IODINE SOLUTION .025N 1L	W2178
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	PB97050BL		1	5.00	50	5.00	0.00	4.34	4.34	0.66	0.00	0.00	02/20/2017	13:30
2	I1892-06		1	5.04	50	5.00	0.00	3.86	3.86	1.14	0.48	38.10	02/20/2017	13:36
3	I1892-06DUP		1	5.03	50	5.00	3.86	7.70	3.84	1.16	0.50	39.76	02/20/2017	13:42
4	I1913-05		1	5.04	50	5.00	0.00	4.08	4.08	0.92	0.26	20.63	02/20/2017	13:50
5	I1913-10		1	5.03	50	5.00	4.08	7.90	3.82	1.18	0.52	41.35	02/20/2017	13:57

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