

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB86491

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	PB97744BL		1	5.00	50	5.00	0.00	4.32	4.32	0.68	0.00	0.00	03/22/2017	14:00
2	I2348-09		1	5.04	50	5.00	0.00	4.20	4.20	0.80	0.12	9.52	03/22/2017	14:05
3	I2348-09DUP		1	5.03	50	5.00	4.20	8.42	4.22	0.78	0.10	7.95	03/22/2017	14:11
4	I2349-05		1	5.04	50	5.00	0.00	4.00	4.00	1.00	0.32	25.40	03/22/2017	14:16
5	I2350-05		1	5.05	50	5.00	4.00	7.96	3.96	1.04	0.36	28.51	03/22/2017	14:20
6	I2350-10		1	5.03	50	5.00	0.00	3.60	3.60	1.40	0.72	57.26	03/22/2017	14:26
7	I2350-15		1	5.01	50	5.00	3.60	7.50	3.90	1.10	0.42	33.53	03/22/2017	14:30
8	I2350-20		1	5.02	50	5.00	0.00	3.88	3.88	1.12	0.44	35.06	03/22/2017	14:35

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