

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87200

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2169
IODINE SOLUTION .025N 1L	W2205
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	PB98641BL		1	5.02	50	5.00	0.00	3.82	3.82	1.18	0.00	0.00	05/02/2017	13:15
2	I2936-06		1	5.05	50	5.00	0.00	3.20	3.20	1.80	0.62	49.11	05/02/2017	13:19
3	I2936-06DUP		1	5.06	50	5.00	3.20	6.42	3.22	1.78	0.60	47.43	05/02/2017	13:24
4	I2936-12		1	5.06	50	5.00	0.00	3.28	3.28	1.72	0.54	42.69	05/02/2017	13:30
5	I2936-18		1	5.05	50	5.00	0.00	3.22	3.22	1.78	0.60	47.52	05/02/2017	13:34
6	I2940-03		1	5.04	50	5.00	3.22	6.56	3.34	1.66	0.48	38.10	05/02/2017	13:38

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