

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB86719

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	PB98061BL		1	5.00	50	5.00	0.00	4.30	4.30	0.70	0.00	0.00	04/05/2017	12:30
2	I2537-05		1	5.05	50	5.00	0.00	4.22	4.22	0.78	0.08	6.34	04/05/2017	12:35
3	I2537-05DUP		1	5.04	50	5.00	4.22	8.42	4.20	0.80	0.10	7.94	04/05/2017	12:41
4	I2537-10		1	5.03	50	5.00	0.00	4.22	4.22	0.78	0.08	6.36	04/05/2017	12:45
5	I2537-15		1	5.04	50	5.00	4.22	8.42	4.20	0.80	0.10	7.94	04/05/2017	12:50
6	I2537-20		1	5.02	50	5.00	0.00	4.14	4.14	0.86	0.16	12.75	04/05/2017	12:55
7	I2538-10		1	5.03	50	5.00	4.14	8.22	4.08	0.92	0.22	17.50	04/05/2017	13:00

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