

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87107

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 Volume (mL)	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	PB98532BL		1	50	50	5.00	0.00	4.42	4.42	0.58	0.00	0.00	04/27/2017	16:30
2	I2860-07		1	50	50	5.00	0.00	4.30	4.30	0.70	0.12	0.96	04/27/2017	16:34
3	I2860-07DUP		1	50	50	5.00	4.30	8.62	4.32	0.68	0.10	0.80	04/27/2017	16:41
4	I2860-08		1	50	50	5.00	0.00	3.94	3.94	1.06	0.48	3.84	04/27/2017	16:45
5	I2860-09		1	50	50	5.00	0.00	3.80	3.80	1.20	0.62	4.96	04/27/2017	16:48
6	I2860-10		1	50	50	5.00	3.80	7.72	3.92	1.08	0.50	4.00	04/27/2017	16:50
7	I2870-08		1	50	50	5.00	0.00	3.96	3.96	1.04	0.46	3.68	04/27/2017	16:52

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