

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87142

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	PB98560BL		1	5.02	50	5.00	0.00	4.22	4.22	0.78	0.00	0.00	04/28/2017	13:00
2	I2873-07		1	5.04	50	5.00	0.00	3.92	3.92	1.08	0.30	23.81	04/28/2017	13:04
3	I2873-07DUP		1	5.03	50	5.00	3.92	7.82	3.90	1.10	0.32	25.45	04/28/2017	13:08
4	I2895-15		1	5.04	50	5.00	0.00	3.90	3.90	1.10	0.32	25.40	04/28/2017	13:11
5	I2895-16		1	5.06	50	5.00	0.00	3.86	3.86	1.14	0.36	28.46	04/28/2017	13:15
6	I2895-17		1	5.07	50	5.00	3.86	7.32	3.46	1.54	0.76	59.96	04/28/2017	13:18
7	I2895-18		1	5.06	50	5.00	0.00	3.58	3.58	1.42	0.64	50.59	04/28/2017	13:21
8	I2895-19		1	5.05	50	5.00	3.58	7.38	3.80	1.20	0.42	33.27	04/28/2017	13:25
9	I2895-20		1	5.04	50	5.00	0.00	3.80	3.80	1.20	0.42	33.33	04/28/2017	13:30
10	I2895-21		1	5.03	50	5.00	3.80	7.32	3.52	1.48	0.70	55.67	04/28/2017	13:34

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