

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89287

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2251
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	PB101283BL		1	5.02	50	2.00	0.00	1.64	1.64	0.36	0.00	0.00	08/04/2017	13:32
2	I4610-03		1	5.04	50	2.00	0.00	1.62	1.62	0.38	0.02	1.59	08/04/2017	13:35
3	I4610-03DUP		1	5.03	50	2.00	1.62	3.22	1.60	0.40	0.04	3.18	08/04/2017	13:38
4	I4610-06		1	5.04	50	2.00	3.22	4.68	1.46	0.54	0.18	14.29	08/04/2017	13:40
5	I4610-09		1	5.05	50	2.00	4.68	5.96	1.28	0.72	0.36	28.51	08/04/2017	13:42
6	I4610-12		1	5.04	50	2.00	5.96	7.30	1.34	0.66	0.30	23.81	08/04/2017	13:45
7	I4610-15		1	5.03	50	2.00	7.30	8.62	1.32	0.68	0.32	25.45	08/04/2017	13:48
8	I4611-03		1	5.04	50	2.00	0.00	1.20	1.20	0.80	0.44	34.92	08/04/2017	13:50
9	I4611-06		1	5.03	50	2.00	1.20	2.42	1.22	0.78	0.42	33.40	08/04/2017	13:52
10	I4611-09		1	5.04	50	2.00	2.42	3.50	1.08	0.92	0.56	44.44	08/04/2017	13:55
11	I4613-03		1	5.03	50	2.00	3.50	4.72	1.22	0.78	0.42	33.40	08/04/2017	13:58

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