

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88320

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2236
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	PB100093BL		1	5.02	50	5.00	0.00	4.56	4.56	0.44	0.00	0.00	06/23/2017	13:30
2	I3868-03		1	5.04	50	5.00	0.00	4.56	4.56	0.44	0.00	0.00	06/23/2017	13:34
3	I3868-03DUP		1	5.03	50	5.00	4.56	9.10	4.54	0.46	0.02	1.59	06/23/2017	13:37
4	I3868-06		1	5.04	50	5.00	0.00	4.54	4.54	0.46	0.02	1.59	06/23/2017	13:40
5	I3868-09		1	5.05	50	5.00	0.00	4.44	4.44	0.56	0.12	9.50	06/23/2017	13:44
6	I3868-12		1	5.04	50	5.00	4.44	8.94	4.50	0.50	0.06	4.76	06/23/2017	13:48
7	I3868-15		1	5.06	50	5.00	0.00	4.40	4.40	0.60	0.16	12.65	06/23/2017	13:52
8	I3872-03		1	5.04	50	5.00	4.40	8.60	4.20	0.80	0.36	28.57	06/23/2017	13:55
9	I3872-06		1	5.03	50	5.00	0.00	4.34	4.34	0.66	0.22	17.50	06/23/2017	13:58
10	I3872-09		1	5.04	50	5.00	4.34	8.62	4.28	0.72	0.28	22.22	06/23/2017	14:02

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