

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87944

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	PB99555BL		1	5.02	50	5.00	0.00	4.72	4.72	0.28	0.00	0.00	06/07/2017	13:30
2	I3486-03		1	5.04	50	5.00	0.00	4.70	4.70	0.30	0.02	1.59	06/07/2017	13:34
3	I3486-03DUP		1	5.03	50	5.00	4.70	9.38	4.68	0.32	0.04	3.18	06/07/2017	13:38
4	I3487-03		1	5.04	50	5.00	0.00	4.66	4.66	0.34	0.06	4.76	06/07/2017	13:42
5	I3488-03		1	5.05	50	5.00	0.00	4.70	4.70	0.30	0.02	1.58	06/07/2017	13:45
6	I3488-06		1	5.04	50	5.00	0.00	4.70	4.70	0.30	0.02	1.59	06/07/2017	13:48
7	I3488-09		1	5.03	50	5.00	0.00	4.58	4.58	0.42	0.14	11.13	06/07/2017	13:52
8	I3488-12		1	5.04	50	5.00	4.58	8.92	4.34	0.66	0.38	30.16	06/07/2017	13:55
9	I3488-15		1	5.03	50	5.00	0.00	4.30	4.30	0.70	0.42	33.40	06/07/2017	13:58
10	I3500-03		1	5.04	50	5.00	4.30	8.72	4.42	0.58	0.30	23.81	06/07/2017	14:03
11	I3506-02		1	5.03	50	5.00	0.00	4.38	4.38	0.62	0.34	27.04	06/07/2017	14:06

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