

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88087

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	PB99781BL		1	5.02	50	5.00	0.00	4.50	4.50	0.50	0.00	0.00	06/14/2017	13:30
2	I3660-03		1	5.04	50	5.00	0.00	4.30	4.30	0.70	0.20	15.87	06/14/2017	13:34
3	I3660-03DUP		1	5.03	50	5.00	4.30	8.58	4.28	0.72	0.22	17.50	06/14/2017	13:37
4	I3660-07		1	5.04	50	5.00	0.00	4.30	4.30	0.70	0.20	15.87	06/14/2017	13:40
5	I3660-11		1	5.05	50	5.00	0.00	3.94	3.94	1.06	0.56	44.36	06/14/2017	13:44
6	I3660-15		1	5.04	50	5.00	3.94	7.96	4.02	0.98	0.48	38.10	06/14/2017	13:47
7	I3660-19		1	5.03	50	5.00	0.00	3.88	3.88	1.12	0.62	49.30	06/14/2017	13:50
8	I3665-05		1	5.05	50	5.00	3.88	7.94	4.06	0.94	0.44	34.85	06/14/2017	13:54
9	I3665-10		1	5.03	50	5.00	0.00	4.16	4.16	0.84	0.34	27.04	06/14/2017	13:57
10	I3670-04		1	5.02	50	5.00	4.16	7.90	3.74	1.26	0.76	60.56	06/14/2017	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