

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88725

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	PB100649BL		1	5.02	50	2.00	0.00	1.74	1.74	0.26	0.00	0.00	07/14/2017	12:15
2	I4176-05		1	5.04	50	2.00	1.74	3.46	1.72	0.28	0.02	1.59	07/14/2017	12:18
3	I4176-05DUP		1	5.03	50	2.00	3.46	5.16	1.70	0.30	0.04	3.18	07/14/2017	12:20
4	I4176-08		1	5.04	50	2.00	0.00	1.54	1.54	0.46	0.20	15.87	07/14/2017	12:23
5	I4185-02		1	5.05	50	2.00	1.54	3.16	1.62	0.38	0.12	9.50	07/14/2017	12:25
6	I4188-03		1	5.04	50	2.00	3.16	4.72	1.56	0.44	0.18	14.29	07/14/2017	12:28
7	I4193-03		1	5.03	50	2.00	4.72	6.28	1.56	0.44	0.18	14.31	07/14/2017	12:30
8	I4201-04		1	5.04	50	2.00	6.28	7.98	1.70	0.30	0.04	3.17	07/14/2017	12:32

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