

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87802

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	PB99405BL		1	5.02	50	5.00	0.00	4.30	4.30	0.70	0.00	0.00	06/01/2017	12:30
2	I3412-03		1	5.04	50	5.00	0.00	4.30	4.30	0.70	0.00	0.00	06/01/2017	12:34
3	I3412-03DUP		1	5.03	50	5.00	4.30	8.58	4.28	0.72	0.02	1.59	06/01/2017	12:37
4	I3412-07		1	5.04	50	5.00	0.00	4.20	4.20	0.80	0.10	7.94	06/01/2017	12:40
5	I3412-11		1	5.05	50	5.00	0.00	4.28	4.28	0.72	0.02	1.58	06/01/2017	12:44
6	I3413-03		1	5.04	50	5.00	4.28	8.48	4.20	0.80	0.10	7.94	06/01/2017	12:48
7	I3420-05		1	5.03	50	5.00	0.00	4.06	4.06	0.94	0.24	19.09	06/01/2017	12:52
8	I3420-10		1	5.04	50	5.00	4.06	7.88	3.82	1.18	0.48	38.10	06/01/2017	12:55

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