

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91453

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2261
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	PB104091BL		1	5.02	50	2.00	0.00	1.64	1.64	0.36	0.00	0.00	11/08/2017	13:05
2	I6304-10		1	5.04	50	2.00	0.00	1.62	1.62	0.38	0.02	1.59	11/08/2017	13:08
3	I6304-10DUP		1	5.03	50	2.00	1.62	3.22	1.60	0.40	0.04	3.18	11/08/2017	13:10
4	I6310-04		1	5.04	50	2.00	0.00	1.62	1.62	0.38	0.02	1.59	11/08/2017	13:12
5	I6379-03		1	5.05	50	2.00	1.62	3.24	1.62	0.38	0.02	1.58	11/08/2017	13:15
6	I6379-06		1	5.04	50	2.00	3.24	4.78	1.54	0.46	0.10	7.94	11/08/2017	13:18
7	I6379-09		1	5.03	50	2.00	0.00	1.64	1.64	0.36	0.00	0.00	11/08/2017	13:20
8	I6381-02		1	5.04	50	2.00	1.64	3.20	1.56	0.44	0.08	6.35	11/08/2017	13:22
9	I6381-04		1	5.05	50	2.00	3.20	4.80	1.60	0.40	0.04	3.17	11/08/2017	13:25

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