

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91388

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	PB104006BL		1	5.02	50	2.00	0.00	1.72	1.72	0.28	0.00	0.00	11/06/2017	13:05
2	I6305-02		1	5.04	50	2.00	0.00	1.58	1.58	0.42	0.14	11.11	11/06/2017	13:08
3	I6305-02DUP		1	5.03	50	2.00	1.58	3.14	1.56	0.44	0.16	12.72	11/06/2017	13:10
4	I6334-02		1	5.04	50	2.00	3.14	4.50	1.36	0.64	0.36	28.57	11/06/2017	13:12
5	I6337-02		1	5.05	50	2.00	4.50	6.08	1.58	0.42	0.14	11.09	11/06/2017	13:15
6	I6338-01		1	5.04	50	2.00	6.08	7.76	1.68	0.32	0.04	3.17	11/06/2017	13:18
7	I6339-01		1	5.03	50	2.00	0.00	1.48	1.48	0.52	0.24	19.09	11/06/2017	13:20

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