

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91571

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	PB104218BL		1	5.03	50	2.00	0.00	1.78	1.78	0.22	0.00	0.00	11/13/2017	16:08
2	I6300-04		1	5.04	50	2.00	1.78	3.10	1.32	0.68	0.46	36.51	11/13/2017	16:10
3	I6300-04DUP		1	5.03	50	2.00	0.00	1.34	1.34	0.66	0.44	34.99	11/13/2017	16:12
4	I6307-02		1	5.04	50	2.00	1.34	3.08	1.74	0.26	0.04	3.17	11/13/2017	16:15
5	I6307-04		1	5.05	50	2.00	3.08	4.80	1.72	0.28	0.06	4.75	11/13/2017	16:18
6	I6307-06		1	5.04	50	2.00	4.80	6.14	1.34	0.66	0.44	34.92	11/13/2017	16:20
7	I6423-03		1	5.03	50	2.00	6.14	7.42	1.28	0.72	0.50	39.76	11/13/2017	16:22
8	I6427-03		1	5.01	50	2.00	0.00	1.48	1.48	0.52	0.30	23.95	11/13/2017	16:25
9	I6429-02		1	5.06	50	2.00	1.48	3.02	1.54	0.46	0.24	18.97	11/13/2017	16:28
10	I6436-02		1	5.02	50	2.00	3.02	4.50	1.48	0.52	0.30	23.90	11/13/2017	16:30

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