

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91139

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	PB103694BL		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	10/26/2017	16:02
2	I6092-01		1	5.04	50	2.00	0.00	1.50	1.50	0.50	0.42	33.33	10/26/2017	16:05
3	I6092-01DUP		1	5.03	50	2.00	1.50	3.02	1.52	0.48	0.40	31.81	10/26/2017	16:08
4	I6092-02		1	5.04	50	2.00	3.02	4.62	1.60	0.40	0.32	25.40	10/26/2017	16:10
5	I6092-03		1	5.05	50	2.00	4.62	6.12	1.50	0.50	0.42	33.27	10/26/2017	16:12
6	I6092-04		1	5.04	50	2.00	6.12	7.68	1.56	0.44	0.36	28.57	10/26/2017	16:15
7	I6092-05		1	5.03	50	2.00	0.00	1.56	1.56	0.44	0.36	28.63	10/26/2017	16:18
8	I6092-06		1	5.04	50	2.00	1.56	3.16	1.60	0.40	0.32	25.40	10/26/2017	16:20
9	I6092-07		1	5.03	50	2.00	3.16	4.76	1.60	0.40	0.32	25.45	10/26/2017	16:22
10	I6092-08		1	5.06	50	2.00	4.76	6.12	1.36	0.64	0.56	44.27	10/26/2017	16:25
11	I6092-09		1	5.03	50	2.00	6.12	7.54	1.42	0.58	0.50	39.76	10/26/2017	16:28
12	I6092-10		1	5.05	50	2.00	0.00	1.14	1.14	0.86	0.78	61.78	10/26/2017	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