

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91022

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	PB103545BL		1	5.02	50	2.00	0.00	1.60	1.60	0.40	0.00	0.00	10/23/2017	16:35
2	I6028-04		1	5.04	50	2.00	0.00	1.40	1.40	0.60	0.20	15.87	10/23/2017	16:39
3	I6028-04DUP		1	5.03	50	2.00	1.40	2.78	1.38	0.62	0.22	17.50	10/23/2017	16:42
4	I6034-03		1	5.04	50	2.00	0.00	1.38	1.38	0.62	0.22	17.46	10/23/2017	16:43
5	I6044-06		1	5.05	50	2.00	1.38	2.64	1.26	0.74	0.34	26.93	10/23/2017	16:45
6	I6062-03		1	5.04	50	2.00	2.64	4.08	1.44	0.56	0.16	12.70	10/23/2017	16:47
7	I6064-03		1	5.03	50	2.00	4.08	5.46	1.38	0.62	0.22	17.50	10/23/2017	16:48
8	I6064-06		1	5.04	50	2.00	5.46	6.78	1.32	0.68	0.28	22.22	10/23/2017	16:49
9	I6064-09		1	5.03	50	2.00	6.78	7.96	1.18	0.82	0.42	33.40	10/23/2017	16:50
10	I6065-01		1	5.04	50	2.00	0.00	1.28	1.28	0.72	0.32	25.40	10/23/2017	16:51
11	I6069-03		1	5.06	50	2.00	1.28	2.50	1.22	0.78	0.38	30.04	10/23/2017	16:53
12	I6070-03		1	5.05	50	2.00	2.50	3.70	1.20	0.80	0.40	31.68	10/23/2017	16:54

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