

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89077

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	PB101014BL		1	5.02	50	2.00	0.00	1.62	1.62	0.38	0.00	0.00	07/27/2017	14:30
2	I4465-03		1	5.04	50	2.00	0.00	1.60	1.60	0.40	0.02	1.59	07/27/2017	14:32
3	I4465-03DUP		1	5.03	50	2.00	1.60	3.22	1.62	0.38	0.00	0.00	07/27/2017	14:35
4	I4465-06		1	5.04	50	2.00	3.22	4.82	1.60	0.40	0.02	1.59	07/27/2017	14:37
5	I4466-03		1	5.05	50	2.00	4.82	6.40	1.58	0.42	0.04	3.17	07/27/2017	14:40
6	I4467-03		1	5.04	50	2.00	6.40	8.00	1.60	0.40	0.02	1.59	07/27/2017	14:42
7	I4472-03		1	5.03	50	2.00	0.00	1.50	1.50	0.50	0.12	9.54	07/27/2017	14:45
8	I4473-05		1	5.04	50	2.00	1.52	2.80	1.28	0.72	0.34	26.98	07/27/2017	14:48
9	I4475-03		1	5.03	50	2.00	2.80	3.96	1.16	0.84	0.46	36.58	07/27/2017	14:50
10	I4475-04		1	5.02	50	2.00	3.96	5.00	1.04	0.96	0.58	46.22	07/27/2017	14:52
11	I4476-04		1	5.06	50	2.00	5.00	5.98	0.98	1.02	0.64	50.59	07/27/2017	14:54
12	I4476-08		1	5.05	50	2.00	5.98	7.18	1.20	0.80	0.42	33.27	07/27/2017	14:56

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