

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88847

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	PB100804BL		1	5.02	50	2.00	0.00	1.64	1.64	0.36	0.00	0.00	07/20/2017	13:30
2	I4308-03		1	5.04	50	2.00	0.00	1.64	1.64	0.36	0.00	0.00	07/20/2017	13:34
3	I4308-03DUP		1	5.03	50	2.00	1.64	3.26	1.62	0.38	0.02	1.59	07/20/2017	13:36
4	I4312-03		1	5.04	50	2.00	0.00	1.60	1.60	0.40	0.04	3.17	07/20/2017	13:38
5	I4312-07		1	5.05	50	2.00	1.60	3.18	1.58	0.42	0.06	4.75	07/20/2017	13:40
6	I4312-11		1	5.04	50	2.00	3.18	4.76	1.58	0.42	0.06	4.76	07/20/2017	13:43
7	I4312-15		1	5.03	50	2.00	4.76	6.12	1.36	0.64	0.28	22.27	07/20/2017	13:45
8	I4312-19		1	5.04	50	2.00	6.12	7.72	1.60	0.40	0.04	3.17	07/20/2017	13:48
9	I4313-04		1	5.03	50	2.00	7.72	9.24	1.52	0.48	0.12	9.54	07/20/2017	13:50
10	I4316-03		1	5.04	50	2.00	0.00	1.42	1.42	0.58	0.22	17.46	07/20/2017	13:53
11	I4317-03		1	5.03	50	2.00	1.42	2.80	1.38	0.62	0.26	20.68	07/20/2017	13:55
12	I4319-02		1	5.06	50	2.00	2.80	3.90	1.10	0.90	0.54	42.69	07/20/2017	13:58

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