

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87591

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2169
IODINE SOLUTION .025N 1L	W2205
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	PB99107BL		1	5.02	50	5.00	0.00	4.30	4.30	0.70	0.00	0.00	05/19/2017	13:00
2	I3125-05		1	5.04	50	5.00	0.00	4.04	4.04	0.96	0.26	20.63	05/19/2017	13:03
3	I3125-05DUP		1	5.03	50	5.00	4.04	8.06	4.02	0.98	0.28	22.27	05/19/2017	13:07
4	I3214-18		1	5.04	50	5.00	0.00	4.10	4.10	0.90	0.20	15.87	05/19/2017	13:10
5	I3214-19		1	5.05	50	5.00	4.10	8.10	4.00	1.00	0.30	23.76	05/19/2017	13:14
6	I3214-20		1	5.04	50	5.00	0.00	4.06	4.06	0.94	0.24	19.05	05/19/2017	13:18
7	I3214-21		1	5.03	50	5.00	4.06	7.88	3.82	1.18	0.48	38.17	05/19/2017	13:21
8	I3214-22		1	5.05	50	5.00	0.00	3.88	3.88	1.12	0.42	33.27	05/19/2017	13:25
9	I3214-23		1	5.03	50	5.00	3.88	7.76	3.88	1.12	0.42	33.40	05/19/2017	13:28
10	I3227-03		1	5.04	50	5.00	0.00	3.52	3.52	1.48	0.78	61.90	05/19/2017	13:32
11	I3228-03		1	5.03	50	5.00	3.52	6.98	3.46	1.54	0.84	66.80	05/19/2017	13:35
12	I3235-03		1	5.04	50	5.00	0.00	3.40	3.40	1.60	0.90	71.43	05/19/2017	13:38

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