

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90303

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	PB102571BL		1	5.02	50	2.00	0.00	1.60	1.60	0.40	0.00	0.00	09/25/2017	12:32
2	I5380-03		1	5.04	50	2.00	0.00	1.60	1.60	0.40	0.00	0.00	09/25/2017	12:35
3	I5380-03DUP		1	5.03	50	2.00	1.60	3.18	1.58	0.42	0.02	1.59	09/25/2017	12:38
4	I5394-03		1	5.04	50	2.00	3.18	4.60	1.42	0.58	0.18	14.29	09/25/2017	12:40
5	I5394-06		1	5.05	50	2.00	4.60	6.02	1.42	0.58	0.18	14.26	09/25/2017	12:42
6	I5394-09		1	5.04	50	2.00	6.02	7.44	1.42	0.58	0.18	14.29	09/25/2017	12:45
7	I5395-03		1	5.06	50	2.00	0.00	1.38	1.38	0.62	0.22	17.39	09/25/2017	12:48
8	I5395-06		1	5.04	50	2.00	1.38	2.68	1.30	0.70	0.30	23.81	09/25/2017	12:50
9	I5395-09		1	5.03	50	2.00	2.68	4.22	1.54	0.46	0.06	4.77	09/25/2017	12:52
10	I5395-12		1	5.04	50	2.00	4.22	5.60	1.38	0.62	0.22	17.46	09/25/2017	12:55
11	I5395-15		1	5.03	50	2.00	5.60	7.10	1.50	0.50	0.10	7.95	09/25/2017	12:58
12	I5395-18		1	5.05	50	2.00	7.10	8.34	1.24	0.76	0.36	28.51	09/25/2017	13:02

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