

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90229

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	PB102508BL		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	09/21/2017	13:05
2	I5309-04		1	5.04	50	2.00	0.00	1.66	1.66	0.34	0.20	15.87	09/21/2017	13:08
3	I5309-04DUP		1	5.03	50	2.00	1.66	3.30	1.64	0.36	0.22	17.50	09/21/2017	13:10
4	I5309-08		1	5.04	50	2.00	3.30	5.08	1.78	0.22	0.08	6.35	09/21/2017	13:12
5	I5329-03		1	5.05	50	2.00	5.08	6.80	1.72	0.28	0.14	11.09	09/21/2017	13:15
6	I5330-03		1	5.04	50	2.00	6.80	8.44	1.64	0.36	0.22	17.46	09/21/2017	13:18
7	I5331-03		1	5.03	50	2.00	0.00	1.76	1.76	0.24	0.10	7.95	09/21/2017	13:20
8	I5331-06		1	5.04	50	2.00	1.76	3.36	1.60	0.40	0.26	20.63	09/21/2017	13:22
9	I5331-09		1	5.03	50	2.00	3.36	5.02	1.66	0.34	0.20	15.90	09/21/2017	13:25
10	I5335-02		1	5.06	50	2.00	5.02	6.56	1.54	0.46	0.32	25.30	09/21/2017	13:28
11	I5336-03		1	5.03	50	2.00	6.56	8.06	1.50	0.50	0.36	28.63	09/21/2017	13:30

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