

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88181

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2236
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	PB99881BL		1	5.02	50	5.00	0.00	4.86	4.86	0.14	0.00	0.00	06/17/2017	12:15
2	I3688-19		1	5.04	50	5.00	0.00	4.86	4.86	0.14	0.00	0.00	06/17/2017	12:19
3	I3688-19DUP		1	5.03	50	5.00	0.00	4.84	4.84	0.16	0.02	1.59	06/17/2017	12:22
4	I3688-20		1	5.04	50	5.00	0.00	4.70	4.70	0.30	0.16	12.70	06/17/2017	12:25
5	I3688-21		1	5.05	50	5.00	0.00	4.82	4.82	0.18	0.04	3.17	06/17/2017	12:28
6	I3688-22		1	5.04	50	5.00	4.82	9.48	4.66	0.34	0.20	15.87	06/17/2017	12:32
7	I3688-23		1	5.03	50	5.00	0.00	4.86	4.86	0.14	0.00	0.00	06/17/2017	12:35
8	I3688-24		1	5.04	50	5.00	4.86	9.44	4.58	0.42	0.28	22.22	06/17/2017	12:38
9	I3688-25		1	5.06	50	5.00	0.00	4.72	4.72	0.28	0.14	11.07	06/17/2017	12:42
10	I3688-26		1	5.04	50	5.00	4.72	9.54	4.82	0.18	0.04	3.17	06/17/2017	12:45
11	I3688-27		1	5.03	50	5.00	0.00	4.70	4.70	0.30	0.16	12.72	06/17/2017	12:48
12	I3688-28		1	5.05	50	5.00	4.70	9.38	4.68	0.32	0.18	14.26	06/17/2017	12:51

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

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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
13	I3688-29		1	5.03	50	5.00	0.00	4.80	4.80	0.20	0.06	4.77	06/17/2017	12:54
14	I3688-30		1	5.03	50	5.00	4.80	9.38	4.58	0.42	0.28	22.27	06/17/2017	12:58
15	I3688-31		1	5.03	50	5.00	0.00	4.46	4.46	0.54	0.40	31.81	06/17/2017	13:03
16	I3688-32		1	5.04	50	5.00	4.46	8.88	4.42	0.58	0.44	34.92	06/17/2017	13:07
17	I3688-33		1	5.03	50	5.00	0.00	4.50	4.50	0.50	0.36	28.63	06/17/2017	13:10
18	I3688-34		1	5.06	50	5.00	4.50	9.12	4.62	0.38	0.24	18.97	06/17/2017	13:13
19	I3688-35		1	5.04	50	5.00	0.00	4.60	4.60	0.40	0.26	20.63	06/17/2017	13:17
20	I3688-36		1	5.02	50	5.00	4.60	8.88	4.28	0.72	0.58	46.22	06/17/2017	13:20
21	I3759-03		1	5.03	50	5.00	0.00	4.48	4.48	0.52	0.38	30.22	06/17/2017	13:24

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