

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88489

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	PB100345BL		1	5.02	50	2.00	0.00	1.58	1.58	0.42	0.00	0.00	06/30/2017	14:00
2	I3950-20		1	5.04	50	2.00	0.00	1.44	1.44	0.56	0.14	11.11	06/30/2017	14:03
3	I3950-20DUP		1	5.03	50	2.00	1.60	3.02	1.42	0.58	0.16	12.72	06/30/2017	14:07
4	I3950-21		1	5.04	50	2.00	3.02	4.42	1.40	0.60	0.18	14.29	06/30/2017	14:10
5	I3950-22		1	5.05	50	2.00	4.42	5.86	1.44	0.56	0.14	11.09	06/30/2017	14:14
6	I3950-23		1	5.04	50	2.00	5.86	7.38	1.52	0.48	0.06	4.76	06/30/2017	14:17
7	I3950-24		1	5.03	50	2.00	7.38	8.76	1.38	0.62	0.20	15.90	06/30/2017	14:20
8	I3950-25		1	5.04	50	2.00	0.00	1.44	1.44	0.56	0.14	11.11	06/30/2017	14:23
9	I3950-26		1	5.03	50	2.00	1.44	2.74	1.30	0.70	0.28	22.27	06/30/2017	14:26
10	I3950-27		1	5.04	50	2.00	2.74	4.04	1.30	0.70	0.28	22.22	06/30/2017	14:30
11	I3950-28		1	5.03	50	2.00	4.04	5.38	1.34	0.66	0.24	19.09	06/30/2017	14:33
12	I3950-29		1	5.04	50	2.00	5.38	6.70	1.32	0.68	0.26	20.63	06/30/2017	14:35

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	I3950-30		1	5.03	50	2.00	6.70	7.88	1.18	0.82	0.40	31.81	06/30/2017	14:38
14	I3950-31		1	5.04	50	2.00	7.88	9.08	1.20	0.80	0.38	30.16	06/30/2017	14:40
15	I3950-32		1	5.03	50	2.00	0.00	1.24	1.24	0.76	0.34	27.04	06/30/2017	14:42
16	I3950-33		1	5.04	50	2.00	1.24	2.52	1.28	0.72	0.30	23.81	06/30/2017	14:44
17	I3950-34		1	5.03	50	2.00	2.52	3.70	1.18	0.82	0.40	31.81	06/30/2017	14:46
18	I3950-35		1	5.06	50	2.00	3.70	4.76	1.06	0.94	0.52	41.11	06/30/2017	14:48
19	I3950-36		1	5.04	50	2.00	4.76	5.90	1.14	0.86	0.44	34.92	06/30/2017	14:50
20	I3950-37		1	5.02	50	2.00	5.90	6.94	1.04	0.96	0.54	43.03	06/30/2017	14:52
21	I3950-38		1	5.02	50	2.00	6.94	8.04	1.10	0.90	0.48	38.25	06/30/2017	14:54

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