

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88535

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	PB100389BL		1	5.02	50	2.00	0.00	1.74	1.74	0.26	0.00	0.00	07/03/2017	17:30
2	I3975-15		1	5.04	50	2.00	0.00	1.58	1.58	0.42	0.16	12.70	07/03/2017	17:32
3	I3975-15DUP		1	5.03	50	2.00	1.58	3.14	1.56	0.44	0.18	14.31	07/03/2017	17:34
4	I3975-16		1	5.04	50	2.00	0.00	1.70	1.70	0.30	0.04	3.17	07/03/2017	17:36
5	I3975-17		1	5.05	50	2.00	1.70	3.44	1.74	0.26	0.00	0.00	07/03/2017	17:38
6	I3975-18		1	5.04	50	2.00	3.54	5.20	1.66	0.34	0.08	6.35	07/03/2017	17:40
7	I3975-19		1	5.06	50	2.00	5.20	6.72	1.52	0.48	0.22	17.39	07/03/2017	17:42
8	I3975-20		1	5.04	50	2.00	6.72	8.32	1.60	0.40	0.14	11.11	07/03/2017	17:44
9	I3975-21		1	5.03	50	2.00	0.00	1.74	1.74	0.26	0.00	0.00	07/03/2017	17:46
10	I3975-22		1	5.04	50	2.00	1.74	3.34	1.60	0.40	0.14	11.11	07/03/2017	17:48
11	I3975-23		1	5.06	50	2.00	3.34	4.78	1.44	0.56	0.30	23.72	07/03/2017	17:50
12	I3975-24		1	5.04	50	2.00	4.78	6.34	1.56	0.44	0.18	14.29	07/03/2017	17:52

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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Normality2: 0.025

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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	I3975-25		1	5.04	50	2.00	6.34	7.80	1.46	0.54	0.28	22.22	07/03/2017	17:54
14	I3975-26		1	5.04	50	2.00	7.80	9.22	1.42	0.58	0.32	25.40	07/03/2017	17:56
15	I3975-27		1	5.03	50	2.00	0.00	1.48	1.48	0.52	0.26	20.68	07/03/2017	17:58
16	I3975-28		1	5.03	50	2.00	1.48	3.02	1.54	0.46	0.20	15.90	07/03/2017	18:02

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