

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88361

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	PB100183BL		1	5.02	50	5.00	0.00	4.62	4.62	0.38	0.00	0.00	06/26/2017	17:10
2	I3437-08		1	5.04	50	5.00	0.00	4.46	4.46	0.54	0.16	12.70	06/26/2017	17:14
3	I3874-04		1	5.04	50	5.00	0.00	4.20	4.20	0.80	0.42	33.33	06/26/2017	17:16
4	I3874-04DUP		1	5.03	50	5.00	4.20	8.42	4.22	0.78	0.40	31.81	06/26/2017	17:20
5	I3874-05		1	5.04	50	5.00	4.22	8.10	3.88	1.12	0.74	58.73	06/26/2017	17:23
6	I3874-06		1	5.05	50	5.00	0.00	3.92	3.92	1.08	0.70	55.45	06/26/2017	17:26
7	I3885-01		1	5.06	50	5.00	3.92	8.42	4.50	0.50	0.12	9.49	06/26/2017	17:28
8	I3897-03		1	5.03	50	5.00	0.00	4.50	4.50	0.50	0.12	9.54	06/26/2017	17:31
9	I3898-09		1	5.04	50	5.00	4.50	9.00	4.50	0.50	0.12	9.52	06/26/2017	17:34
10	I3899-07		1	5.03	50	5.00	0.00	4.44	4.44	0.56	0.18	14.31	06/26/2017	17:36
11	I3904-01		1	5.04	50	5.00	4.44	8.94	4.50	0.50	0.12	9.52	06/26/2017	17:38
12	I3906-03		1	5.03	50	5.00	0.00	4.34	4.34	0.66	0.28	22.27	06/26/2017	17:40

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	I3906-06		1	5.04	50	5.00	4.34	8.30	3.96	1.04	0.66	52.38	06/26/2017	17:42
14	I3906-09		1	5.05	50	5.00	0.00	4.50	4.50	0.50	0.12	9.50	06/26/2017	17:44
15	I3911-03		1	5.04	50	5.00	0.00	4.50	4.50	0.50	0.12	9.52	06/26/2017	17:46
16	I3912-03		1	5.03	50	5.00	0.00	4.26	4.26	0.74	0.36	28.63	06/26/2017	17:48
17	I3913-03		1	5.06	50	5.00	4.26	8.60	4.34	0.66	0.28	22.13	06/26/2017	17:50

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