

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88420

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	PB100247BL		1	5.02	50	2.00	0.00	1.58	1.58	0.42	0.00	0.00	06/28/2017	17:10
2	I3883-17		1	5.04	50	2.00	1.84	3.26	1.42	0.58	0.16	12.70	06/28/2017	17:12
3	I3883-17DUP		1	5.03	50	2.00	3.26	4.66	1.40	0.60	0.18	14.31	06/28/2017	17:13
4	I3883-18		1	5.04	50	2.00	4.66	6.14	1.48	0.52	0.10	7.94	06/28/2017	17:15
5	I3883-19		1	5.05	50	2.00	6.14	7.52	1.38	0.62	0.20	15.84	06/28/2017	17:16
6	I3883-20		1	5.04	50	2.00	7.52	8.90	1.38	0.62	0.20	15.87	06/28/2017	17:18
7	I3883-21		1	5.03	50	2.00	0.00	1.28	1.28	0.72	0.30	23.86	06/28/2017	17:22
8	I3883-22		1	5.04	50	2.00	1.28	2.62	1.34	0.66	0.24	19.05	06/28/2017	17:23
9	I3883-23		1	5.03	50	2.00	2.62	3.86	1.24	0.76	0.34	27.04	06/28/2017	17:25
10	I3883-24		1	5.04	50	2.00	3.86	5.20	1.34	0.66	0.24	19.05	06/28/2017	17:26
11	I3883-25		1	5.03	50	2.00	5.20	6.46	1.26	0.74	0.32	25.45	06/28/2017	17:28
12	I3883-26		1	5.04	50	2.00	6.46	7.74	1.28	0.72	0.30	23.81	06/28/2017	17:29

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	I3883-27		1	5.04	50	2.00	7.74	9.00	1.26	0.74	0.32	25.40	06/28/2017	17:30
14	I3883-28		1	5.03	50	2.00	0.00	1.26	1.26	0.74	0.32	25.45	06/28/2017	17:33
15	I3883-29		1	5.02	50	2.00	1.26	2.58	1.32	0.68	0.26	20.72	06/28/2017	17:35
16	I3883-30		1	5.06	50	2.00	2.58	3.68	1.10	0.90	0.48	37.94	06/28/2017	17:36
17	I3883-31		1	5.03	50	2.00	3.68	4.90	1.22	0.78	0.36	28.63	06/28/2017	17:38
18	I3883-32		1	5.06	50	2.00	4.92	5.96	1.04	0.96	0.54	42.69	06/28/2017	17:39
19	I3947-02		1	5.04	50	2.00	5.96	7.26	1.30	0.70	0.28	22.22	06/28/2017	17:40
20	I3956-05		1	5.02	50	2.00	7.26	8.40	1.14	0.86	0.44	35.06	06/28/2017	17:42

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