

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88490

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	PB100355BL		1	5.02	50	2.00	0.00	1.68	1.68	0.32	0.00	0.00	06/30/2017	16:30
2	I3979-05		1	5.04	50	2.00	0.00	1.36	1.36	0.64	0.32	25.40	06/30/2017	16:32
3	I3979-05DUP		1	5.03	50	2.00	1.36	2.70	1.34	0.66	0.34	27.04	06/30/2017	16:35
4	I3979-10		1	5.04	50	2.00	2.70	4.14	1.44	0.56	0.24	19.05	06/30/2017	16:38
5	I3980-03		1	5.05	50	2.00	4.14	5.68	1.54	0.46	0.14	11.09	06/30/2017	16:40
6	I3980-06		1	5.04	50	2.00	8.04	9.56	1.52	0.48	0.16	12.70	06/30/2017	16:42
7	I3980-09		1	5.03	50	2.00	0.00	1.34	1.34	0.66	0.34	27.04	06/30/2017	16:44
8	I3980-12		1	5.04	50	2.00	1.34	2.60	1.26	0.74	0.42	33.33	06/30/2017	16:46
9	I3982-03		1	5.03	50	2.00	2.60	4.08	1.48	0.52	0.20	15.90	06/30/2017	16:48
10	I3982-08		1	5.04	50	2.00	4.08	5.40	1.32	0.68	0.36	28.57	06/30/2017	16:50
11	I3982-12		1	5.03	50	2.00	5.40	6.70	1.30	0.70	0.38	30.22	06/30/2017	16:52
12	I3982-17		1	5.04	50	2.00	6.70	8.02	1.32	0.68	0.36	28.57	06/30/2017	16:54

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

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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	I3983-03		1	5.03	50	2.00	8.02	9.32	1.30	0.70	0.38	30.22	06/30/2017	16:56
14	I3991-03		1	5.04	50	2.00	0.00	1.18	1.18	0.82	0.50	39.68	06/30/2017	16:58
15	I3991-06		1	5.03	50	2.00	1.18	2.34	1.16	0.84	0.52	41.35	06/30/2017	17:02
16	I3991-09		1	5.04	50	2.00	2.34	3.44	1.10	0.90	0.58	46.03	06/30/2017	17:04
17	I3996-02		1	5.03	50	2.00	3.44	4.56	1.12	0.88	0.56	44.53	06/30/2017	17:06
18	I4007-05		1	5.06	50	2.00	4.56	5.74	1.18	0.82	0.50	39.53	06/30/2017	17:08
19	I4007-10		1	5.04	50	2.00	5.74	6.86	1.12	0.88	0.56	44.44	06/30/2017	17:10

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