

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89726

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	PB101814BL		1	5.02	50	2.00	0.00	1.60	1.60	0.40	0.00	0.00	08/25/2017	13:32
2	I4948-03		1	5.04	50	2.00	0.00	1.40	1.40	0.60	0.20	15.87	08/25/2017	13:35
3	I4948-03DUP		1	5.03	50	2.00	1.40	2.78	1.38	0.62	0.22	17.50	08/25/2017	13:38
4	I4948-06		1	5.04	50	2.00	2.78	3.48	0.70	1.30	0.90	71.43	08/25/2017	13:40
5	I4954-03		1	5.05	50	2.00	3.48	5.02	1.54	0.46	0.06	4.75	08/25/2017	13:42
6	I4959-03		1	5.04	50	2.00	5.02	6.18	1.16	0.84	0.44	34.92	08/25/2017	13:45
7	I4959-06		1	5.03	50	2.00	6.18	7.42	1.24	0.76	0.36	28.63	08/25/2017	13:48
8	I4961-15		1	5.04	50	2.00	0.00	1.40	1.40	0.60	0.20	15.87	08/25/2017	13:50
9	I4961-16		1	5.03	50	2.00	1.40	2.48	1.08	0.92	0.52	41.35	08/25/2017	13:52
10	I4961-17		1	5.04	50	2.00	2.48	3.66	1.18	0.82	0.42	33.33	08/25/2017	13:54
11	I4961-18		1	5.03	50	2.00	3.66	4.92	1.26	0.74	0.34	27.04	08/25/2017	13:56
12	I4961-19		1	5.04	50	2.00	4.92	6.00	1.08	0.92	0.52	41.27	08/25/2017	13:58

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	I4961-20		1	5.03	50	2.00	6.00	6.98	0.98	1.02	0.62	49.30	08/25/2017	14:02
14	I4961-21		1	5.04	50	2.00	6.98	8.28	1.30	0.70	0.30	23.81	08/25/2017	14:05
15	I4964-03		1	5.03	50	2.00	0.00	1.60	1.60	0.40	0.00	0.00	08/25/2017	14:08
16	I4968-02		1	5.04	50	2.00	1.60	2.18	0.58	1.42	1.02	80.95	08/25/2017	14:10
17	I4969-03		1	5.03	50	2.00	2.18	3.34	1.16	0.84	0.44	34.99	08/25/2017	14:12
18	I4969-06		1	5.06	50	2.00	3.34	4.42	1.08	0.92	0.52	41.11	08/25/2017	14:15

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