

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB96701

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2337
IODINE SOLUTION .025N 1L	W2349
Starch Solution, 4L	W2277

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	PB111201BL		1	5.03	50	2.00	0.00	1.72	1.72	0.28	0.00	0.00	07/17/2018	15:25
2	J3826-04		1	5.02	50	2.00	0.00	1.48	1.48	0.52	0.24	19.12	07/17/2018	15:28
3	J3826-04DUP		1	5.02	50	2.00	1.48	2.98	1.50	0.50	0.22	17.53	07/17/2018	15:30
4	J3832-04		1	5.04	50	2.00	2.98	4.28	1.30	0.70	0.42	33.33	07/17/2018	15:32
5	J4003-01		1	5.02	50	2.00	4.28	5.62	1.34	0.66	0.38	30.28	07/17/2018	15:35
6	J4012-03		1	5.03	50	2.00	5.62	6.76	1.14	0.86	0.58	46.12	07/17/2018	15:38
7	J4013-02		1	5.05	50	2.00	6.76	8.02	1.26	0.74	0.46	36.44	07/17/2018	15:40
8	J4013-06		1	5.02	50	2.00	0.00	1.28	1.28	0.72	0.44	35.06	07/17/2018	15:42
9	J4016-03		1	5.01	50	2.00	1.28	2.54	1.26	0.74	0.46	36.73	07/17/2018	15:45
10	J4016-06		1	5.03	50	2.00	2.54	3.90	1.36	0.64	0.36	28.63	07/17/2018	15:48
11	J4016-09		1	5.04	50	2.00	3.90	5.22	1.32	0.68	0.40	31.75	07/17/2018	15:50
12	J4016-12		1	5.03	50	2.00	5.22	6.46	1.24	0.76	0.48	38.17	07/17/2018	15:52

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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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	J4016-15		1	5.03	50	2.00	6.46	7.50	1.04	0.96	0.68	54.08	07/17/2018	15:55
14	J4016-18		1	5.02	50	2.00	7.50	8.58	1.08	0.92	0.64	51.00	07/17/2018	15:58
15	J4016-21		1	5.01	50	2.00	0.00	1.20	1.20	0.80	0.52	41.52	07/17/2018	16:02
16	J4016-24		1	5.01	50	2.00	1.20	2.50	1.30	0.70	0.42	33.53	07/17/2018	16:05

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