

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB92768

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2252
IODINE SOLUTION .025N 1L	W2261
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	PB105859BL		1	5.01	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	01/22/2018	14:15
2	J1210-03		1	5.01	50	2.00	0.00	1.66	1.66	0.34	0.18	14.37	01/22/2018	14:19
3	J1210-03DUP		1	5.02	50	2.00	1.66	3.34	1.68	0.32	0.16	12.75	01/22/2018	14:22
4	J1210-06		1	5.03	50	2.00	0.00	1.62	1.62	0.38	0.22	17.50	01/22/2018	14:25
5	J1210-09		1	5.00	50	2.00	1.62	3.26	1.64	0.36	0.20	16.00	01/22/2018	14:28
6	J1210-12		1	5.02	50	2.00	3.26	4.80	1.54	0.46	0.30	23.90	01/22/2018	14:31
7	J1212-04		1	5.01	50	2.00	4.80	6.26	1.46	0.54	0.38	30.34	01/22/2018	14:34
8	J1214-03		1	5.02	50	2.00	6.26	7.90	1.64	0.36	0.20	15.94	01/22/2018	14:37
9	J1214-04		1	5.01	50	2.00	7.90	9.32	1.42	0.58	0.42	33.53	01/22/2018	14:40
10	J1218-02		1	5.04	50	2.00	0.00	1.48	1.48	0.52	0.36	28.57	01/22/2018	14:43
11	J1238-09		1	5.03	50	2.00	1.48	2.98	1.50	0.50	0.34	27.04	01/22/2018	14:47
12	J1238-11		1	5.00	50	2.00	2.98	4.40	1.42	0.58	0.42	33.60	01/22/2018	14:50

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

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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	J1238-13		1	5.01	50	2.00	4.40	5.76	1.36	0.64	0.48	38.32	01/22/2018	14:53
14	J1238-15		1	5.04	50	2.00	5.76	7.22	1.46	0.54	0.38	30.16	01/22/2018	14:56
15	J1238-17		1	5.02	50	2.00	7.22	8.64	1.42	0.58	0.42	33.47	01/22/2018	15:00
16	J1238-19		1	5.05	50	2.00	0.00	1.50	1.50	0.50	0.34	26.93	01/22/2018	15:03
17	J1238-21		1	5.04	50	2.00	1.50	2.82	1.32	0.68	0.52	41.27	01/22/2018	15:06
18	J1238-23		1	5.01	50	2.00	2.82	4.16	1.34	0.66	0.50	39.92	01/22/2018	15:09

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