

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB92540

ANALYST: HIRAL

SUPERVISOR REVIEW BY: apatel

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	PB105542BL		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	01/09/2018	14:57
2	J1018-02		1	5.02	50	2.00	0.00	1.74	1.74	0.26	0.06	4.78	01/09/2018	15:05
3	J1018-02DUP		1	5.03	50	2.00	1.74	3.46	1.72	0.28	0.08	6.36	01/09/2018	15:12
4	J1022-05		1	5.03	50	2.00	0.00	1.76	1.76	0.24	0.04	3.18	01/09/2018	15:18
5	J1023-02		1	5.02	50	2.00	1.76	3.50	1.74	0.26	0.06	4.78	01/09/2018	15:25
6	J1044-05		1	5.04	50	2.00	3.50	5.06	1.56	0.44	0.24	19.05	01/09/2018	15:32
7	J1044-07		1	5.01	50	2.00	5.06	6.80	1.74	0.26	0.06	4.79	01/09/2018	15:39
8	J1044-09		1	5.05	50	2.00	0.00	1.50	1.50	0.50	0.30	23.76	01/09/2018	15:45
9	J1044-11		1	5.02	50	2.00	1.50	3.04	1.54	0.46	0.26	20.72	01/09/2018	15:52
10	J1057-01		1	5.01	50	2.00	3.04	4.62	1.58	0.42	0.22	17.56	01/09/2018	15:59
11	J1057-02		1	5.03	50	2.00	4.62	6.12	1.50	0.50	0.30	23.86	01/09/2018	16:06
12	J1057-03		1	5.01	50	2.00	6.12	7.74	1.62	0.38	0.18	14.37	01/09/2018	16:13

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	J1057-04		1	5.02	50	2.00	0.00	1.52	1.52	0.48	0.28	22.31	01/09/2018	16:20
14	J1062-11		1	5.04	50	2.00	1.52	3.20	1.68	0.32	0.12	9.52	01/09/2018	16:26
15	J1062-12		1	5.02	50	2.00	3.20	4.54	1.34	0.66	0.46	36.65	01/09/2018	16:33
16	J1062-13		1	5.01	50	2.00	4.54	5.92	1.38	0.62	0.42	33.53	01/09/2018	16:39
17	J1062-14		1	5.05	50	2.00	5.92	7.20	1.28	0.72	0.52	41.19	01/09/2018	16:45
18	J1062-15		1	5.01	50	2.00	0.00	1.54	1.54	0.46	0.26	20.76	01/09/2018	16:51

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