

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB92476

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	PB105455BL		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	01/03/2018	14:45
2	J1003-03		1	5.02	50	2.00	0.00	1.76	1.76	0.24	0.04	3.19	01/03/2018	14:52
3	J1003-03DUP		1	5.05	50	2.00	1.76	3.50	1.74	0.26	0.06	4.75	01/03/2018	14:58
4	J1004-21		1	5.03	50	2.00	0.00	1.74	1.74	0.26	0.06	4.77	01/03/2018	15:05
5	J1004-22		1	5.02	50	2.00	1.74	3.38	1.64	0.36	0.16	12.75	01/03/2018	15:11
6	J1004-23		1	5.04	50	2.00	3.38	4.92	1.54	0.46	0.26	20.63	01/03/2018	15:17
7	J1004-24		1	5.01	50	2.00	4.92	6.54	1.62	0.38	0.18	14.37	01/03/2018	15:23
8	J1004-25		1	5.05	50	2.00	6.54	8.24	1.70	0.30	0.10	7.92	01/03/2018	15:29
9	J1004-26		1	5.02	50	2.00	8.24	9.68	1.44	0.56	0.36	28.69	01/03/2018	15:35
10	J1004-27		1	5.01	50	2.00	0.00	1.70	1.70	0.30	0.10	7.98	01/03/2018	15:41
11	J1004-28		1	5.03	50	2.00	1.70	3.26	1.56	0.44	0.24	19.09	01/03/2018	15:47
12	J1004-29		1	5.01	50	2.00	3.26	4.66	1.40	0.60	0.40	31.94	01/03/2018	15:53

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	J1004-30		1	5.02	50	2.00	4.66	6.18	1.52	0.48	0.28	22.31	01/03/2018	15:59
14	J1006-01		1	5.04	50	2.00	6.18	7.74	1.56	0.44	0.24	19.05	01/03/2018	16:05
15	J1008-01		1	5.02	50	2.00	7.74	9.10	1.36	0.64	0.44	35.06	01/03/2018	16:12

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