

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91920

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	PB104691BL		1	5.02	50	2.00	0.00	1.78	1.78	0.22	0.00	0.00	12/04/2017	15:15
2	I6308-02		1	5.02	50	2.00	0.00	1.42	1.42	0.58	0.36	28.69	12/04/2017	15:18
3	I6308-02DUP		1	5.05	50	2.00	1.42	2.86	1.44	0.56	0.34	26.93	12/04/2017	15:20
4	I6699-04		1	5.03	50	2.00	0.00	1.68	1.68	0.32	0.10	7.95	12/04/2017	15:22
5	I6700-01		1	5.05	50	2.00	1.68	3.40	1.72	0.28	0.06	4.75	12/04/2017	15:25
6	I6700-02		1	5.04	50	2.00	3.40	4.96	1.56	0.44	0.22	17.46	12/04/2017	15:28
7	I6700-03		1	5.01	50	2.00	4.96	6.60	1.64	0.36	0.14	11.18	12/04/2017	15:30
8	I6700-04		1	5.00	50	2.00	6.60	8.22	1.62	0.38	0.16	12.80	12/04/2017	15:32
9	I6700-05		1	5.02	50	2.00	0.00	1.46	1.46	0.54	0.32	25.50	12/04/2017	15:35
10	I6700-06		1	5.03	50	2.00	1.46	3.02	1.56	0.44	0.22	17.50	12/04/2017	15:38
11	I6700-07		1	5.05	50	2.00	3.02	4.40	1.38	0.62	0.40	31.68	12/04/2017	15:40
12	I6700-08		1	5.01	50	2.00	4.40	5.84	1.44	0.56	0.34	27.15	12/04/2017	15:42

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	I6700-09		1	5.02	50	2.00	5.84	7.32	1.48	0.52	0.30	23.90	12/04/2017	15:45
14	I6700-10		1	5.04	50	2.00	7.32	8.72	1.40	0.60	0.38	30.16	12/04/2017	15:48
15	I6700-11		1	5.02	50	2.00	0.00	1.28	1.28	0.72	0.50	39.84	12/04/2017	15:50
16	I6700-12		1	5.01	50	2.00	1.28	2.54	1.26	0.74	0.52	41.52	12/04/2017	15:52
17	I6700-13		1	5.05	50	2.00	2.54	3.80	1.26	0.74	0.52	41.19	12/04/2017	15:55
18	I6700-14		1	5.01	50	2.00	3.80	5.12	1.32	0.68	0.46	36.73	12/04/2017	15:58
19	I6700-15		1	5.02	50	2.00	5.12	6.30	1.18	0.82	0.60	47.81	12/04/2017	16:02

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