

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB92673

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	PB105728BL		1	5.01	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	01/17/2018	14:27
2	J1021-02		1	5.02	50	2.00	0.00	1.74	1.74	0.26	0.10	7.97	01/17/2018	14:31
3	J1021-02DUP		1	5.05	50	2.00	1.74	3.46	1.72	0.28	0.12	9.50	01/17/2018	14:34
4	J1151-03		1	5.03	50	2.00	0.00	1.66	1.66	0.34	0.18	14.31	01/17/2018	14:38
5	J1154-03		1	5.02	50	2.00	1.66	3.46	1.80	0.20	0.04	3.19	01/17/2018	14:41
6	J1156-04		1	5.04	50	2.00	3.46	5.08	1.62	0.38	0.22	17.46	01/17/2018	14:45
7	J1156-13		1	5.01	50	2.00	5.08	6.64	1.56	0.44	0.28	22.36	01/17/2018	14:48
8	J1158-01		1	5.00	50	2.00	6.64	8.34	1.70	0.30	0.14	11.20	01/17/2018	14:52
9	J1158-02		1	5.02	50	2.00	0.00	1.64	1.64	0.36	0.20	15.94	01/17/2018	14:56
10	J1158-03		1	5.03	50	2.00	1.64	3.32	1.68	0.32	0.16	12.72	01/17/2018	15:00
11	J1158-04		1	5.05	50	2.00	3.32	4.90	1.58	0.42	0.26	20.59	01/17/2018	15:04
12	J1158-05		1	5.03	50	2.00	4.90	6.62	1.72	0.28	0.12	9.54	01/17/2018	15:07

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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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
13	J1159-01		1	5.01	50	2.00	6.62	8.00	1.38	0.62	0.46	36.73	01/17/2018	15:11
14	J1163-06		1	5.04	50	2.00	0.00	1.62	1.62	0.38	0.22	17.46	01/17/2018	15:15
15	J1163-12		1	5.02	50	2.00	1.62	3.14	1.52	0.48	0.32	25.50	01/17/2018	15:19
16	J1167-02		1	5.01	50	2.00	3.14	4.72	1.58	0.42	0.26	20.76	01/17/2018	15:23
17	J1167-04		1	5.05	50	2.00	4.72	6.04	1.32	0.68	0.52	41.19	01/17/2018	15:28
18	J1167-06		1	5.01	50	2.00	6.04	7.32	1.28	0.72	0.56	44.71	01/17/2018	15:32

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