

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB92881

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2276
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	PB106019BL		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	01/25/2018	17:54
2	J1289-02		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	01/25/2018	17:58
3	J1289-02DUP		1	5.02	50	2.00	1.88	3.74	1.86	0.14	0.04	3.19	01/25/2018	18:01
4	J1289-04		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.04	3.19	01/25/2018	18:05
5	J1289-06		1	5.00	50	2.00	1.86	3.68	1.82	0.18	0.08	6.40	01/25/2018	18:09
6	J1289-08		1	5.02	50	2.00	3.68	5.44	1.76	0.24	0.14	11.16	01/25/2018	18:13
7	J1289-10		1	5.01	50	2.00	5.44	7.26	1.82	0.18	0.08	6.39	01/25/2018	18:16
8	J1289-12		1	5.06	50	2.00	0.00	1.66	1.66	0.34	0.24	18.97	01/25/2018	18:20
9	J1289-14		1	5.01	50	2.00	1.66	3.50	1.84	0.16	0.06	4.79	01/25/2018	18:23
10	J1289-16		1	5.01	50	2.00	3.50	5.30	1.80	0.20	0.10	7.98	01/25/2018	18:27
11	J1289-18		1	5.03	50	2.00	5.30	7.04	1.74	0.26	0.16	12.72	01/25/2018	18:31
12	J1289-20		1	5.00	50	2.00	7.04	8.80	1.76	0.24	0.14	11.20	01/25/2018	18:34

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	J1290-02		1	5.01	50	2.00	0.00	1.74	1.74	0.26	0.16	12.77	01/25/2018	18:37
14	J1290-04		1	5.04	50	2.00	1.74	3.42	1.68	0.32	0.22	17.46	01/25/2018	18:41
15	J1290-06		1	5.02	50	2.00	3.42	5.22	1.80	0.20	0.10	7.97	01/25/2018	18:44
16	J1290-08		1	5.05	50	2.00	5.22	6.94	1.72	0.28	0.18	14.26	01/25/2018	18:47
17	J1290-10		1	5.04	50	2.00	6.94	8.72	1.78	0.22	0.12	9.52	01/25/2018	18:51
18	J1290-17		1	5.01	50	2.00	0.00	1.74	1.74	0.26	0.16	12.77	01/25/2018	18:54
19	J1290-19		1	5.05	50	2.00	1.74	3.34	1.60	0.40	0.30	23.76	01/25/2018	18:57
20	J1290-21		1	5.06	50	2.00	3.34	4.96	1.62	0.38	0.28	22.13	01/25/2018	19:01
21	J1290-23		1	5.02	50	2.00	3.34	4.96	1.62	0.38	0.28	22.31	01/25/2018	19:05

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