

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB92842

ANALYST: HIRAL

SUPERVISOR REVIEW BY: apatel

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	PB105964BL		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	01/24/2018	15:27
2	J1259-01		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.04	3.19	01/24/2018	15:31
3	J1259-01DUP		1	5.03	50	2.00	1.86	3.70	1.84	0.16	0.06	4.77	01/24/2018	15:35
4	J1259-02		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.08	6.36	01/24/2018	15:38
5	J1259-03		1	5.00	50	2.00	1.82	3.64	1.82	0.18	0.08	6.40	01/24/2018	15:41
6	J1259-04		1	5.02	50	2.00	3.64	5.44	1.80	0.20	0.10	7.97	01/24/2018	15:45
7	J1259-05		1	5.01	50	2.00	5.44	7.22	1.78	0.22	0.12	9.58	01/24/2018	15:48
8	J1259-06		1	5.02	50	2.00	7.22	9.04	1.82	0.18	0.08	6.37	01/24/2018	15:51
9	J1259-07		1	5.01	50	2.00	0.00	1.76	1.76	0.24	0.14	11.18	01/24/2018	15:54
10	J1259-08		1	5.01	50	2.00	1.76	3.52	1.76	0.24	0.14	11.18	01/24/2018	15:57
11	J1259-09		1	5.03	50	2.00	3.52	5.40	1.88	0.12	0.02	1.59	01/24/2018	16:01
12	J1259-10		1	5.00	50	2.00	5.40	7.00	1.60	0.40	0.30	24.00	01/24/2018	16:05

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

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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	J1259-11		1	5.01	50	2.00	7.00	8.64	1.64	0.36	0.26	20.76	01/24/2018	16:08
14	J1259-12		1	5.04	50	2.00	0.00	1.80	1.80	0.20	0.10	7.94	01/24/2018	16:11
15	J1259-13		1	5.02	50	2.00	1.80	3.44	1.64	0.36	0.26	20.72	01/24/2018	16:15
16	J1259-14		1	5.05	50	2.00	3.44	5.14	1.70	0.30	0.20	15.84	01/24/2018	16:19
17	J1259-15		1	5.04	50	2.00	5.14	6.82	1.68	0.32	0.22	17.46	01/24/2018	16:22
18	J1259-16		1	5.01	50	2.00	6.82	8.44	1.62	0.38	0.28	22.36	01/24/2018	16:26
19	J1259-17		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.04	3.17	01/24/2018	16:30
20	J1259-18		1	5.06	50	2.00	1.86	3.56	1.70	0.30	0.20	15.81	01/24/2018	16:34
21	J1259-19		1	5.02	50	2.00	3.56	5.38	1.82	0.18	0.08	6.37	01/24/2018	16:37

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