

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB97960

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2337
IODINE SOLUTION .025N 1L	W2349
Starch Solution, 4L	W2277

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	PB112920BL		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	09/17/2018	13:05
2	J4773-02		1	5.02	50	2.00	1.80	3.32	1.52	0.48	0.28	22.31	09/17/2018	13:08
3	J4773-02DUP		1	5.03	50	2.00	3.32	4.86	1.54	0.46	0.26	20.68	09/17/2018	13:12
4	J4773-04		1	5.05	50	2.00	0.00	1.66	1.66	0.34	0.14	11.09	09/17/2018	13:15
5	J4773-06		1	5.03	50	2.00	1.66	3.38	1.72	0.28	0.08	6.36	09/17/2018	13:18
6	J4773-08		1	5.02	50	2.00	3.38	4.98	1.60	0.40	0.20	15.94	09/17/2018	13:22
7	J4773-10		1	5.03	50	2.00	4.98	6.62	1.64	0.36	0.16	12.72	09/17/2018	13:25
8	J4774-04		1	5.06	50	2.00	6.62	8.28	1.66	0.34	0.14	11.07	09/17/2018	13:28
9	J4775-06		1	5.07	50	2.00	8.28	9.78	1.50	0.50	0.30	23.67	09/17/2018	13:32
10	J4775-08		1	5.02	50	2.00	0.00	1.40	1.40	0.60	0.40	31.87	09/17/2018	13:35
11	J4929-04		1	5.00	50	2.00	1.40	2.84	1.44	0.56	0.36	28.80	09/17/2018	13:38
12	J4929-08		1	5.05	50	2.00	2.84	4.42	1.58	0.42	0.22	17.43	09/17/2018	13:42

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	J4929-12		1	5.02	50	2.00	4.42	5.80	1.38	0.62	0.42	33.47	09/17/2018	13:45
14	J4935-04		1	5.04	50	2.00	5.80	7.32	1.52	0.48	0.28	22.22	09/17/2018	13:48
15	J4936-18		1	5.05	50	2.00	7.32	8.60	1.28	0.72	0.52	41.19	09/17/2018	13:52
16	J4936-22		1	5.03	50	2.00	0.00	1.54	1.54	0.46	0.26	20.68	09/17/2018	13:55
17	J4936-26		1	5.00	50	2.00	1.54	2.80	1.26	0.74	0.54	43.20	09/17/2018	13:58
18	J4936-30		1	5.02	50	2.00	2.80	4.02	1.22	0.78	0.58	46.22	09/17/2018	14:02
19	J4936-34		1	5.03	50	2.00	4.02	5.34	1.32	0.68	0.48	38.17	09/17/2018	14:05
20	J4936-38		1	5.04	50	2.00	5.34	6.64	1.30	0.70	0.50	39.68	09/17/2018	14:08
21	J4936-42		1	5.06	50	2.00	6.64	7.82	1.18	0.82	0.62	49.01	09/17/2018	14:12
22	J4942-03		1	5.03	50	2.00	7.82	9.20	1.38	0.62	0.42	33.40	09/17/2018	14:15

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Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume