

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB98086

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	PB113109BL		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	09/21/2018	14:05
2	J4777-12		1	5.03	50	2.00	1.82	3.54	1.72	0.28	0.10	7.95	09/21/2018	14:08
3	J4777-12DUP		1	5.04	50	2.00	3.54	5.24	1.70	0.30	0.12	9.52	09/21/2018	14:12
4	J4777-14		1	5.06	50	2.00	0.00	1.64	1.64	0.36	0.18	14.23	09/21/2018	14:15
5	J4777-16		1	5.03	50	2.00	1.64	3.40	1.76	0.24	0.06	4.77	09/21/2018	14:18
6	J4777-18		1	5.04	50	2.00	3.40	4.92	1.52	0.48	0.30	23.81	09/21/2018	14:22
7	J4777-20		1	5.05	50	2.00	4.92	6.60	1.68	0.32	0.14	11.09	09/21/2018	14:25
8	J4777-22		1	5.00	50	2.00	6.60	7.98	1.38	0.62	0.44	35.20	09/21/2018	14:28
9	J4777-24		1	5.04	50	2.00	0.00	1.62	1.62	0.38	0.20	15.87	09/21/2018	14:32
10	J4777-26		1	5.02	50	2.00	1.62	3.18	1.56	0.44	0.26	20.72	09/21/2018	14:35
11	J4777-28		1	5.03	50	2.00	3.18	4.70	1.52	0.48	0.30	23.86	09/21/2018	14:38
12	J4777-30		1	5.05	50	2.00	4.70	6.00	1.30	0.70	0.52	41.19	09/21/2018	14:42

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	J4777-32		1	5.03	50	2.00	6.00	7.48	1.48	0.52	0.34	27.04	09/21/2018	14:45
14	J5021-04		1	5.02	50	2.00	7.48	8.82	1.34	0.66	0.48	38.25	09/21/2018	14:48
15	J5021-08		1	5.04	50	2.00	0.00	1.38	1.38	0.62	0.44	34.92	09/21/2018	14:52
16	J5021-12		1	5.03	50	2.00	1.38	2.56	1.18	0.82	0.64	50.89	09/21/2018	14:55
17	J5021-16		1	5.04	50	2.00	2.56	3.90	1.34	0.66	0.48	38.10	09/21/2018	14:58
18	J5021-20		1	5.06	50	2.00	3.90	5.06	1.16	0.84	0.66	52.17	09/21/2018	15:02
19	J5023-04		1	5.05	50	2.00	5.06	6.30	1.24	0.76	0.58	45.94	09/21/2018	15:05
20	J5023-08		1	5.02	50	2.00	6.30	7.32	1.02	0.98	0.80	63.75	09/21/2018	15:08
21	J5023-12		1	5.00	50	2.00	7.32	8.50	1.18	0.82	0.64	51.20	09/21/2018	15:12

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