

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB96757

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	PB111283BL		1	5.03	50	2.00	0.00	1.64	1.64	0.36	0.00	0.00	07/19/2018	13:32
2	J3828-08		1	5.03	50	2.00	1.64	2.84	1.20	0.80	0.44	34.99	07/19/2018	13:35
3	J3828-08DUP		1	5.02	50	2.00	2.84	4.06	1.22	0.78	0.42	33.47	07/19/2018	13:38
4	J3828-10		1	5.01	50	2.00	4.06	5.30	1.24	0.76	0.40	31.94	07/19/2018	13:40
5	J3828-12		1	5.02	50	2.00	5.30	6.70	1.40	0.60	0.24	19.12	07/19/2018	13:42
6	J4041-02		1	5.03	50	2.00	6.70	7.98	1.28	0.72	0.36	28.63	07/19/2018	13:45
7	J4051-06		1	5.03	50	2.00	7.98	9.14	1.16	0.84	0.48	38.17	07/19/2018	13:48
8	J4054-09		1	5.04	50	2.00	0.00	1.16	1.16	0.84	0.48	38.10	07/19/2018	13:50
9	J4057-04		1	5.03	50	2.00	1.16	2.34	1.18	0.82	0.46	36.58	07/19/2018	13:52
10	J4057-08		1	5.02	50	2.00	2.34	3.58	1.24	0.76	0.40	31.87	07/19/2018	13:55
11	J4057-12		1	5.05	50	2.00	3.58	4.52	0.94	1.06	0.70	55.45	07/19/2018	13:58
12	J4057-16		1	5.03	50	2.00	4.52	5.76	1.24	0.76	0.40	31.81	07/19/2018	14:02

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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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
13	J4057-20		1	5.02	50	2.00	5.76	6.92	1.16	0.84	0.48	38.25	07/19/2018	14:05
14	J4062-06		1	5.03	50	2.00	6.92	8.04	1.12	0.88	0.52	41.35	07/19/2018	14:08
15	J4062-12		1	5.02	50	2.00	8.04	9.12	1.08	0.92	0.56	44.62	07/19/2018	14:10
16	J4062-18		1	5.01	50	2.00	0.00	1.02	1.02	0.98	0.62	49.50	07/19/2018	14:12
17	J4062-24		1	5.03	50	2.00	1.02	2.02	1.00	1.00	0.64	50.89	07/19/2018	14:15
18	J4062-30		1	5.02	50	2.00	2.02	3.30	1.28	0.72	0.36	28.69	07/19/2018	14:18
19	J4062-36		1	5.03	50	2.00	3.30	4.20	0.90	1.10	0.74	58.85	07/19/2018	14:20
20	J4062-42		1	5.01	50	2.00	4.20	5.36	1.16	0.84	0.48	38.32	07/19/2018	14:22

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