

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB96732

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	PB111240BL		1	5.03	50	2.00	0.00	1.70	1.70	0.30	0.00	0.00	07/18/2018	14:10
2	J3620-01		1	5.01	50	2.00	0.00	1.52	1.52	0.48	0.18	14.37	07/18/2018	14:12
3	J3620-01DUP		1	5.02	50	2.00	1.52	3.06	1.54	0.46	0.16	12.75	07/18/2018	14:15
4	J3620-02		1	5.02	50	2.00	0.00	1.30	1.30	0.70	0.40	31.87	07/18/2018	14:18
5	J3620-03		1	5.03	50	2.00	1.30	2.94	1.64	0.36	0.06	4.77	07/18/2018	14:20
6	J3620-04		1	5.02	50	2.00	2.94	4.44	1.50	0.50	0.20	15.94	07/18/2018	14:22
7	J3620-05		1	5.01	50	2.00	4.44	5.70	1.26	0.74	0.44	35.13	07/18/2018	14:25
8	J4019-03		1	5.04	50	2.00	5.70	7.10	1.40	0.60	0.30	23.81	07/18/2018	14:28
9	J4030-03		1	5.03	50	2.00	7.10	8.44	1.34	0.66	0.36	28.63	07/18/2018	14:30
10	J4030-06		1	5.02	50	2.00	0.00	1.30	1.30	0.70	0.40	31.87	07/18/2018	14:32
11	J4030-09		1	5.02	50	2.00	1.30	2.68	1.38	0.62	0.32	25.50	07/18/2018	14:35
12	J4030-12		1	5.03	50	2.00	2.68	3.70	1.02	0.98	0.68	54.08	07/18/2018	14:38

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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13	J4030-15		1	5.04	50	2.00	3.70	5.10	1.40	0.60	0.30	23.81	07/18/2018	14:40
14	J4035-06		1	5.01	50	2.00	5.10	6.46	1.36	0.64	0.34	27.15	07/18/2018	14:42
15	J4035-12		1	5.03	50	2.00	6.46	7.78	1.32	0.68	0.38	30.22	07/18/2018	14:45
16	J4035-18		1	5.02	50	2.00	7.78	9.20	1.42	0.58	0.28	22.31	07/18/2018	14:48

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