

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88536

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2251
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	PB100421BL		1	5.02	50	2.00	0.00	1.70	1.70	0.30	0.00	0.00	07/05/2017	12:30
2	I4035-01		1	5.04	50	2.00	0.00	1.50	1.50	0.50	0.20	15.87	07/05/2017	12:32
3	I4035-01DUP		1	5.03	50	2.00	0.00	1.48	1.48	0.52	0.22	17.50	07/05/2017	12:35
4	I4049-03		1	5.04	50	2.00	1.50	3.20	1.70	0.30	0.00	0.00	07/05/2017	12:37
5	I4049-06		1	5.05	50	2.00	3.20	4.90	1.70	0.30	0.00	0.00	07/05/2017	12:40
6	I4052-03		1	5.04	50	2.00	5.06	6.66	1.60	0.40	0.10	7.94	07/05/2017	12:42
7	I4052-06		1	5.03	50	2.00	6.66	8.20	1.54	0.46	0.16	12.72	07/05/2017	12:44
8	I4052-09		1	5.04	50	2.00	8.20	9.62	1.42	0.58	0.28	22.22	07/05/2017	12:46
9	I4053-03		1	5.03	50	2.00	0.00	1.60	1.60	0.40	0.10	7.95	07/05/2017	12:48
10	I4053-06		1	5.04	50	2.00	1.60	3.10	1.50	0.50	0.20	15.87	07/05/2017	12:50
11	I4053-09		1	5.06	50	2.00	3.10	4.36	1.26	0.74	0.44	34.78	07/05/2017	12:52
12	I4053-12		1	5.04	50	2.00	4.36	5.86	1.50	0.50	0.20	15.87	07/05/2017	12:54

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	I4053-15		1	5.03	50	2.00	5.86	7.36	1.50	0.50	0.20	15.90	07/05/2017	12:56

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