

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88773

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	PB100734BL		1	5.02	50	2.00	0.00	1.50	1.50	0.50	0.00	0.00	07/18/2017	12:15
2	I4234-03		1	5.04	50	2.00	0.00	1.48	1.48	0.52	0.02	1.59	07/18/2017	12:18
3	I4234-03DUP		1	5.03	50	2.00	1.48	2.94	1.46	0.54	0.04	3.18	07/18/2017	12:20
4	I4234-05		1	5.04	50	2.00	0.00	1.40	1.40	0.60	0.10	7.94	07/18/2017	12:23
5	I4243-07		1	5.05	50	2.00	1.40	2.54	1.14	0.86	0.36	28.51	07/18/2017	12:25
6	I4243-08		1	5.04	50	2.00	2.54	3.96	1.42	0.58	0.08	6.35	07/18/2017	12:28
7	I4245-03		1	5.03	50	2.00	3.96	5.40	1.44	0.56	0.06	4.77	07/18/2017	12:30
8	I4245-06		1	5.04	50	2.00	5.40	6.74	1.34	0.66	0.16	12.70	07/18/2017	12:32
9	I4245-09		1	5.03	50	2.00	6.74	8.06	1.32	0.68	0.18	14.31	07/18/2017	12:35
10	I4245-12		1	5.04	50	2.00	8.06	9.32	1.26	0.74	0.24	19.05	07/18/2017	12:38
11	I4245-15		1	5.03	50	2.00	0.00	1.24	1.24	0.76	0.26	20.68	07/18/2017	12:40
12	I4248-03		1	5.04	50	2.00	1.24	2.62	1.38	0.62	0.12	9.52	07/18/2017	12:42

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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13	I4248-07		1	5.03	50	2.00	2.62	3.74	1.12	0.88	0.38	30.22	07/18/2017	12:45

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