

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89791

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	PB101935BL		1	5.02	50	2.00	0.00	1.62	1.62	0.38	0.00	0.00	08/30/2017	12:20
2	I5019-07		1	5.04	50	2.00	0.00	1.62	1.62	0.38	0.00	0.00	08/30/2017	12:22
3	I5019-07DUP		1	5.03	50	2.00	1.62	3.22	1.60	0.40	0.02	1.59	08/30/2017	12:25
4	I5023-03		1	5.04	50	2.00	3.22	4.80	1.58	0.42	0.04	3.17	08/30/2017	12:28
5	I5023-06		1	5.05	50	2.00	4.80	6.24	1.44	0.56	0.18	14.26	08/30/2017	12:30
6	I5023-09		1	5.04	50	2.00	6.24	7.60	1.36	0.64	0.26	20.63	08/30/2017	12:32
7	I5023-12		1	5.03	50	2.00	0.00	1.56	1.56	0.44	0.06	4.77	08/30/2017	12:35
8	I5024-03		1	5.04	50	2.00	1.56	3.02	1.46	0.54	0.16	12.70	08/30/2017	12:38
9	I5024-06		1	5.03	50	2.00	3.02	4.62	1.60	0.40	0.02	1.59	08/30/2017	12:40
10	I5024-09		1	5.04	50	2.00	4.62	6.20	1.58	0.42	0.04	3.17	08/30/2017	12:42
11	I5024-12		1	5.03	50	2.00	6.20	7.68	1.48	0.52	0.14	11.13	08/30/2017	12:45
12	I5024-15		1	5.04	50	2.00	0.00	1.40	1.40	0.60	0.22	17.46	08/30/2017	12:48

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

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13	I5026-03		1	5.03	50	2.00	1.40	2.98	1.58	0.42	0.04	3.18	08/30/2017	12:50
14	I5027-03		1	5.03	50	2.00	2.98	4.44	1.46	0.54	0.16	12.72	08/30/2017	12:53

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