

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89034

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	PB100986BL		1	5.02	50	2.00	0.00	1.62	1.62	0.38	0.00	0.00	07/26/2017	13:30
2	I4434-06		1	5.03	50	2.00	0.00	1.46	1.46	0.54	0.16	12.72	07/26/2017	13:32
3	I4434-06DUP		1	5.02	50	2.00	0.00	1.48	1.48	0.52	0.14	11.16	07/26/2017	13:35
4	I4442-04		1	5.04	50	2.00	1.48	3.02	1.54	0.46	0.08	6.35	07/26/2017	13:38
5	I4444-03		1	5.05	50	2.00	3.02	4.44	1.42	0.58	0.20	15.84	07/26/2017	13:40
6	I4444-06		1	5.04	50	2.00	4.44	6.00	1.56	0.44	0.06	4.76	07/26/2017	13:42
7	I4444-09		1	5.03	50	2.00	6.00	7.52	1.52	0.48	0.10	7.95	07/26/2017	13:45
8	I4444-12		1	5.04	50	2.00	7.52	9.00	1.48	0.52	0.14	11.11	07/26/2017	13:48
9	I4445-03		1	5.03	50	2.00	0.00	1.44	1.44	0.56	0.18	14.31	07/26/2017	13:50
10	I4447-01		1	5.02	50	2.00	1.44	2.60	1.16	0.84	0.46	36.65	07/26/2017	13:52
11	I4447-03		1	5.03	50	2.00	2.60	3.82	1.22	0.78	0.40	31.81	07/26/2017	13:55
12	I4447-04		1	5.04	50	2.00	3.82	5.36	1.54	0.46	0.08	6.35	07/26/2017	13:58

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	I4447-06		1	5.03	50	2.00	5.36	6.64	1.28	0.72	0.34	27.04	07/26/2017	14:02
14	I4448-03		1	5.04	50	2.00	6.64	7.86	1.22	0.78	0.40	31.75	07/26/2017	14:05
15	I4449-02		1	5.03	50	2.00	7.86	9.04	1.18	0.82	0.44	34.99	07/26/2017	14:08
16	I4449-04		1	5.03	50	2.00	0.00	1.30	1.30	0.70	0.32	25.45	07/26/2017	14:10

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