

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88169

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2236
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	PB99857BL		1	5.02	50	5.00	0.00	4.56	4.56	0.44	0.00	0.00	06/16/2017	14:30
2	I3696-03		1	5.04	50	5.00	0.00	4.48	4.48	0.52	0.08	6.35	06/16/2017	14:34
3	I3696-03DUP		1	5.03	50	5.00	4.48	8.98	4.50	0.50	0.06	4.77	06/16/2017	14:37
4	I3736-13		1	5.04	50	5.00	0.00	4.50	4.50	0.50	0.06	4.76	06/16/2017	14:40
5	I3736-14		1	5.05	50	5.00	0.00	4.52	4.52	0.48	0.04	3.17	06/16/2017	14:44
6	I3736-15		1	5.04	50	5.00	0.00	4.54	4.54	0.46	0.02	1.59	06/16/2017	14:47
7	I3736-16		1	5.03	50	5.00	0.00	4.50	4.50	0.50	0.06	4.77	06/16/2017	14:50
8	I3736-17		1	5.04	50	5.00	0.00	4.48	4.48	0.52	0.08	6.35	06/16/2017	14:54
9	I3736-18		1	5.03	50	5.00	0.00	4.50	4.50	0.50	0.06	4.77	06/16/2017	14:57
10	I3736-19		1	5.04	50	5.00	0.00	4.46	4.46	0.54	0.10	7.94	06/16/2017	15:02
11	I3736-20		1	5.03	50	5.00	0.00	4.54	4.54	0.46	0.02	1.59	06/16/2017	15:06
12	I3736-21		1	5.04	50	5.00	0.00	4.40	4.40	0.60	0.16	12.70	06/16/2017	15:09

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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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
13	I3736-22		1	5.03	50	5.00	0.00	4.48	4.48	0.52	0.08	6.36	06/16/2017	15:12
14	I3736-23		1	5.04	50	5.00	0.00	4.50	4.50	0.50	0.06	4.76	06/16/2017	15:15
15	I3736-24		1	5.02	50	5.00	0.00	4.32	4.32	0.68	0.24	19.12	06/16/2017	15:18

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