

Analysis Method: 9034

ANALYST: Ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89868

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	PB102066BL		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	09/05/2017	14:47
2	I5052-13		1	5.04	50	2.00	0.00	1.42	1.42	0.58	0.38	30.16	09/05/2017	15:04
3	I5052-13DUP		1	5.03	50	2.00	1.42	2.82	1.40	0.60	0.40	31.81	09/05/2017	15:06
4	I5052-15		1	5.04	50	2.00	2.82	4.48	1.66	0.34	0.14	11.11	09/05/2017	15:08
5	I5052-17		1	5.05	50	2.00	4.48	5.50	1.02	0.98	0.78	61.78	09/05/2017	15:10
6	I5052-18		1	5.04	50	2.00	5.50	6.44	0.94	1.06	0.86	68.25	09/05/2017	15:12
7	I5053-09		1	5.03	50	2.00	0.00	1.04	1.04	0.96	0.76	60.44	09/05/2017	15:15
8	I5053-11		1	5.04	50	2.00	1.04	2.20	1.16	0.84	0.64	50.79	09/05/2017	15:18
9	I5053-12		1	5.03	50	2.00	2.20	3.00	0.80	1.20	1.00	79.52	09/05/2017	15:20
10	I5071-19		1	5.04	50	2.00	3.00	3.80	0.80	1.20	1.00	79.37	09/05/2017	15:22
11	I5071-20		1	5.03	50	2.00	3.80	4.70	0.90	1.10	0.90	71.57	09/05/2017	15:25
12	I5071-21		1	5.04	50	2.00	4.70	5.62	0.92	1.08	0.88	69.84	09/05/2017	15:28

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	I5071-22		1	5.03	50	2.00	5.62	6.54	0.92	1.08	0.88	69.98	09/05/2017	15:30
14	I5071-23		1	5.04	50	2.00	6.54	7.46	0.92	1.08	0.88	69.84	09/05/2017	15:32
15	I5071-24		1	5.03	50	2.00	0.00	1.10	1.10	0.90	0.70	55.67	09/05/2017	15:35
16	I5071-25		1	5.04	50	2.00	1.10	1.92	0.82	1.18	0.98	77.78	09/05/2017	15:38
17	I5071-26		1	5.03	50	2.00	1.92	2.90	0.98	1.02	0.82	65.21	09/05/2017	15:40
18	I5071-27		1	5.06	50	2.00	2.90	3.80	0.90	1.10	0.90	71.15	09/05/2017	15:42

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