

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90022

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	PB102277BL		1	5.02	50	2.00	0.00	1.70	1.70	0.30	0.00	0.00	09/12/2017	14:10
2	I5182-09		1	5.04	50	2.00	0.00	1.68	1.68	0.32	0.02	1.59	09/12/2017	14:12
3	I5182-09DUP		1	5.03	50	2.00	1.68	3.36	1.68	0.32	0.02	1.59	09/12/2017	14:15
4	I5182-10		1	5.04	50	2.00	3.36	4.74	1.38	0.62	0.32	25.40	09/12/2017	14:18
5	I5182-11		1	5.05	50	2.00	4.74	6.12	1.38	0.62	0.32	25.35	09/12/2017	14:20
6	I5182-12		1	5.04	50	2.00	6.12	7.70	1.58	0.42	0.12	9.52	09/12/2017	14:22
7	I5183-03		1	5.03	50	2.00	0.00	1.36	1.36	0.64	0.34	27.04	09/12/2017	14:25
8	I5201-03		1	5.04	50	2.00	1.36	2.42	1.06	0.94	0.64	50.79	09/12/2017	14:28
9	I5203-02		1	5.06	50	2.00	2.42	3.70	1.28	0.72	0.42	33.20	09/12/2017	14:30
10	I5208-03		1	5.04	50	2.00	3.70	4.72	1.02	0.98	0.68	53.97	09/12/2017	14:32
11	I5208-06		1	5.03	50	2.00	4.72	5.92	1.20	0.80	0.50	39.76	09/12/2017	14:35
12	I5208-09		1	5.04	50	2.00	5.92	7.02	1.10	0.90	0.60	47.62	09/12/2017	14:38

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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Normality2: 0.025

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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	I5208-12		1	5.03	50	2.00	0.00	1.04	1.04	0.96	0.66	52.49	09/12/2017	14:40
14	I5208-15		1	5.03	50	2.00	1.04	2.14	1.10	0.90	0.60	47.71	09/12/2017	14:42
15	I5209-03		1	5.03	50	2.00	2.14	3.40	1.26	0.74	0.44	34.99	09/12/2017	14:45

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