

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90164

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	PB102437BL		1	5.02	50	2.00	0.00	1.60	1.60	0.40	0.00	0.00	09/19/2017	13:30
2	I5285-06		1	5.04	50	2.00	0.00	1.54	1.54	0.46	0.06	4.76	09/19/2017	13:32
3	I5285-06DUP		1	5.03	50	2.00	1.54	3.06	1.52	0.48	0.08	6.36	09/19/2017	13:34
4	I5285-07		1	5.04	50	2.00	3.06	4.64	1.58	0.42	0.02	1.59	09/19/2017	13:36
5	I5285-08		1	5.05	50	2.00	4.64	6.14	1.50	0.50	0.10	7.92	09/19/2017	13:38
6	I5285-09		1	5.04	50	2.00	6.14	7.66	1.52	0.48	0.08	6.35	09/19/2017	13:40
7	I5285-10		1	5.03	50	2.00	0.00	1.52	1.52	0.48	0.08	6.36	09/19/2017	13:42
8	I5288-02		1	5.04	50	2.00	1.52	2.92	1.40	0.60	0.20	15.87	09/19/2017	13:45
9	I5291-02		1	5.03	50	2.00	2.92	4.36	1.44	0.56	0.16	12.72	09/19/2017	13:48
10	I5292-03		1	5.04	50	2.00	4.36	5.58	1.22	0.78	0.38	30.16	09/19/2017	13:50
11	I5293-03		1	5.03	50	2.00	5.58	6.96	1.38	0.62	0.22	17.50	09/19/2017	13:52
12	I5293-06		1	5.04	50	2.00	6.96	8.44	1.48	0.52	0.12	9.52	09/19/2017	13:55

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	I5293-09		1	5.05	50	2.00	0.00	1.32	1.32	0.68	0.28	22.18	09/19/2017	13:58
14	I5293-12		1	5.06	50	2.00	1.32	2.82	1.50	0.50	0.10	7.91	09/19/2017	14:02
15	I5293-15		1	5.03	50	2.00	2.82	4.10	1.28	0.72	0.32	25.45	09/19/2017	14:05

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