

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90529

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	PB102870BL		1	5.02	50	2.00	0.00	1.54	1.54	0.46	0.00	0.00	10/03/2017	13:32
2	I5585-21		1	5.04	50	2.00	0.00	1.10	1.10	0.90	0.44	34.92	10/03/2017	13:35
3	I5585-21DUP		1	5.03	50	2.00	1.10	2.18	1.08	0.92	0.46	36.58	10/03/2017	13:38
4	I5585-22		1	5.04	50	2.00	2.18	2.98	0.80	1.20	0.74	58.73	10/03/2017	13:40
5	I5585-23		1	5.05	50	2.00	2.98	4.00	1.02	0.98	0.52	41.19	10/03/2017	13:42
6	I5585-24		1	5.04	50	2.00	4.00	5.04	1.04	0.96	0.50	39.68	10/03/2017	13:45
7	I5585-25		1	5.03	50	2.00	5.04	6.22	1.18	0.82	0.36	28.63	10/03/2017	13:48
8	I5585-26		1	5.04	50	2.00	6.22	7.20	0.98	1.02	0.56	44.44	10/03/2017	13:50
9	I5585-27		1	5.03	50	2.00	0.00	1.06	1.06	0.94	0.48	38.17	10/03/2017	13:52
10	I5585-28		1	5.04	50	2.00	1.06	2.10	1.04	0.96	0.50	39.68	10/03/2017	13:55
11	I5585-29		1	5.06	50	2.00	2.10	2.96	0.86	1.14	0.68	53.75	10/03/2017	13:58
12	I5585-30		1	5.04	50	2.00	2.96	3.80	0.84	1.16	0.70	55.56	10/03/2017	14:02

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	I5587-09		1	5.03	50	2.00	3.80	4.70	0.90	1.10	0.64	50.89	10/03/2017	14:05
14	I5587-10		1	5.04	50	2.00	4.70	5.60	0.90	1.10	0.64	50.79	10/03/2017	14:08
15	I5587-11		1	5.04	50	2.00	5.60	6.60	1.00	1.00	0.54	42.86	10/03/2017	14:10
16	I5587-12		1	5.03	50	2.00	6.60	7.58	0.98	1.02	0.56	44.53	10/03/2017	14:12
17	I5610-25		1	5.05	50	2.00	0.00	1.22	1.22	0.78	0.32	25.35	10/03/2017	14:15
18	I5610-26		1	5.06	50	2.00	1.22	2.26	1.04	0.96	0.50	39.53	10/03/2017	14:18
19	I5610-27		1	5.04	50	2.00	2.26	3.36	1.10	0.90	0.44	34.92	10/03/2017	14:20
20	I5610-28		1	5.02	50	2.00	3.36	4.50	1.14	0.86	0.40	31.87	10/03/2017	14:22

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