

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87293

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2169
IODINE SOLUTION .025N 1L	W2205
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	PB98757BL		1	5.02	50	5.00	0.00	4.34	4.34	0.66	0.00	0.00	05/06/2017	14:15
2	I2995-01		1	5.05	50	5.00	0.00	4.04	4.04	0.96	0.30	23.76	05/06/2017	14:18
3	I2995-01DUP		1	5.04	50	5.00	4.04	8.10	4.06	0.94	0.28	22.22	05/06/2017	14:22
4	I2995-02		1	5.05	50	5.00	0.00	3.80	3.80	1.20	0.54	42.77	05/06/2017	14:25
5	I2995-03		1	5.07	50	5.00	0.00	4.08	4.08	0.92	0.26	20.51	05/06/2017	14:29
6	I2995-04		1	5.08	50	5.00	4.08	7.96	3.88	1.12	0.46	36.22	05/06/2017	14:33
7	I2995-05		1	5.06	50	5.00	0.00	3.76	3.76	1.24	0.58	45.85	05/06/2017	14:36
8	I2995-06		1	5.07	50	5.00	3.76	7.64	3.88	1.12	0.46	36.29	05/06/2017	14:39
9	I3022-02		1	5.09	50	5.00	0.00	3.54	3.54	1.46	0.80	62.87	05/06/2017	14:42
10	I3027-11		1	5.08	50	5.00	3.54	7.10	3.56	1.44	0.78	61.42	05/06/2017	14:45
11	I3027-13		1	5.07	50	5.00	0.00	3.58	3.58	1.42	0.76	59.96	05/06/2017	14:49
12	I3027-15		1	5.05	50	5.00	3.58	7.14	3.56	1.44	0.78	61.78	05/06/2017	14:52

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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13	I3031-07		1	5.06	50	5.00	0.00	3.56	3.56	1.44	0.78	61.66	05/06/2017	14:55
14	I3031-09		1	5.07	50	5.00	3.56	7.10	3.54	1.46	0.80	63.12	05/06/2017	14:58
15	I3034-08		1	5.08	50	5.00	0.00	3.56	3.56	1.44	0.78	61.42	05/06/2017	15:02

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