

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87367

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	PB98849BL		1	5.02	50	5.00	0.00	4.18	4.18	0.82	0.00	0.00	05/10/2017	13:00
2	I3040-05		1	5.02	50	5.00	0.00	3.86	3.86	1.14	0.32	25.50	05/10/2017	13:04
3	I3040-05DUP		1	5.03	50	5.00	3.86	7.70	3.84	1.16	0.34	27.04	05/10/2017	13:08
4	I3046-09		1	5.05	50	5.00	0.00	3.72	3.72	1.28	0.46	36.44	05/10/2017	13:12
5	I3046-10		1	5.09	50	5.00	0.00	3.68	3.68	1.32	0.50	39.29	05/10/2017	13:15
6	I3046-11		1	5.04	50	5.00	3.68	7.40	3.72	1.28	0.46	36.51	05/10/2017	13:20
7	I3048-04		1	5.09	50	5.00	0.00	3.78	3.78	1.22	0.40	31.43	05/10/2017	13:23
8	I3049-04		1	5.10	50	5.00	3.78	7.58	3.80	1.20	0.38	29.80	05/10/2017	13:27
9	I3059-03		1	5.00	50	5.00	0.00	3.52	3.52	1.48	0.66	52.80	05/10/2017	13:30
10	I3062-16		1	5.02	50	5.00	3.52	7.22	3.70	1.30	0.48	38.25	05/10/2017	13:33
11	I3062-17		1	5.10	50	5.00	0.00	3.70	3.70	1.30	0.48	37.65	05/10/2017	13:36
12	I3062-18		1	5.01	50	5.00	3.70	7.10	3.40	1.60	0.78	62.28	05/10/2017	13:40

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	I3062-19		1	5.06	50	5.00	0.00	3.62	3.62	1.38	0.56	44.27	05/10/2017	13:43
14	I3062-20		1	5.10	50	5.00	3.62	7.16	3.54	1.46	0.64	50.20	05/10/2017	13:46
15	I3062-21		1	5.03	50	5.00	0.00	3.40	3.40	1.60	0.78	62.03	05/10/2017	13:50
16	I3062-22		1	5.03	50	5.00	3.40	6.82	3.42	1.58	0.76	60.44	05/10/2017	13:53

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