

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88992

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	PB100936BL		1	5.00	50	2.00	0.00	1.64	1.64	0.36	0.00	0.00	07/25/2017	12:50
2	I4407-02		1	5.04	50	2.00	0.00	1.62	1.62	0.38	0.02	1.59	07/25/2017	12:52
3	I4407-02DUP		1	5.03	50	2.00	0.00	1.64	1.64	0.36	0.00	0.00	07/25/2017	12:55
4	I4414-03		1	5.04	50	2.00	1.64	3.16	1.52	0.48	0.12	9.52	07/25/2017	12:58
5	I4415-03		1	5.05	50	2.00	3.16	4.58	1.42	0.58	0.22	17.43	07/25/2017	13:02
6	I4420-07		1	5.06	50	2.00	4.58	6.18	1.60	0.40	0.04	3.16	07/25/2017	13:05
7	I4420-14		1	5.03	50	2.00	0.00	1.50	1.50	0.50	0.14	11.13	07/25/2017	13:08
8	I4422-07		1	5.05	50	2.00	1.50	3.00	1.50	0.50	0.14	11.09	07/25/2017	13:10
9	I4422-11		1	5.02	50	2.00	3.00	4.46	1.46	0.54	0.18	14.34	07/25/2017	13:12
10	I4422-15		1	5.06	50	2.00	4.46	5.86	1.40	0.60	0.24	18.97	07/25/2017	13:15
11	I4424-03		1	5.03	50	2.00	5.86	7.28	1.42	0.58	0.22	17.50	07/25/2017	13:18
12	I4424-06		1	5.04	50	2.00	7.28	8.60	1.32	0.68	0.32	25.40	07/25/2017	13:20

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	I4424-09		1	5.04	50	2.00	0.00	1.48	1.48	0.52	0.16	12.70	07/25/2017	13:23
14	I4424-12		1	5.03	50	2.00	1.48	2.92	1.44	0.56	0.20	15.90	07/25/2017	13:25

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