

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB86298

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2169
IODINE SOLUTION .025N 1L	W2178
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	PB97514BL		1	5.00	50	5.00	0.00	4.60	4.60	0.40	0.00	0.00	03/10/2017	15:00
2	I2172-21		1	5.04	50	5.00	0.00	4.32	4.32	0.68	0.28	22.22	03/10/2017	15:05
3	I2172-21DUP		1	5.03	50	5.00	4.32	8.62	4.30	0.70	0.30	23.86	03/10/2017	15:10
4	I2172-22		1	5.04	50	5.00	0.00	4.30	4.30	0.70	0.30	23.81	03/10/2017	15:16
5	I2172-23		1	5.05	50	5.00	0.00	4.16	4.16	0.84	0.44	34.85	03/10/2017	15:22
6	I2172-24		1	5.04	50	5.00	4.16	8.20	4.04	0.96	0.56	44.44	03/10/2017	15:27
7	I2172-25		1	5.03	50	5.00	0.00	3.86	3.86	1.14	0.74	58.85	03/10/2017	15:33
8	I2172-26		1	5.02	50	5.00	3.86	8.30	4.44	0.56	0.16	12.75	03/10/2017	15:38
9	I2172-27		1	5.04	50	5.00	0.00	4.40	4.40	0.60	0.20	15.87	03/10/2017	15:43
10	I2172-28		1	5.05	50	5.00	4.40	8.76	4.36	0.64	0.24	19.01	03/10/2017	15:50
11	I2172-29		1	5.03	50	5.00	0.00	4.34	4.34	0.66	0.26	20.68	03/10/2017	15:55
12	I2172-30		1	5.04	50	5.00	4.34	8.40	4.06	0.94	0.54	42.86	03/10/2017	16:02

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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13	I2195-05		1	5.03	50	5.00	0.00	4.34	4.34	0.66	0.26	20.68	03/10/2017	16:07
14	I2195-10		1	5.02	50	5.00	4.34	8.08	3.74	1.26	0.86	68.53	03/10/2017	16:13
15	I2195-15		1	5.03	50	5.00	0.00	4.58	4.58	0.42	0.02	1.59	03/10/2017	16:18
16	I2211-05		1	5.02	50	5.00	4.58	9.14	4.56	0.44	0.04	3.19	03/10/2017	16:24
17	I2211-10		1	5.03	50	5.00	0.00	4.56	4.56	0.44	0.04	3.18	03/10/2017	16:30

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