

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88453

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2236
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	PB100287BL		1	5.02	50	2.00	0.00	1.50	1.50	0.50	0.00	0.00	06/29/2017	15:25
2	I3908-13		1	5.04	50	2.00	1.50	2.82	1.32	0.68	0.18	14.29	06/29/2017	15:27
3	I3908-13DUP		1	5.03	50	2.00	4.64	5.94	1.30	0.70	0.20	15.90	06/29/2017	15:28
4	I3908-14		1	5.04	50	2.00	5.94	7.32	1.38	0.62	0.12	9.52	06/29/2017	15:30
5	I3908-15		1	5.05	50	2.00	7.32	8.66	1.34	0.66	0.16	12.67	06/29/2017	15:32
6	I3908-16		1	5.04	50	2.00	0.00	1.20	1.20	0.80	0.30	23.81	06/29/2017	15:35
7	I3908-17		1	5.03	50	2.00	1.20	2.30	1.10	0.90	0.40	31.81	06/29/2017	15:37
8	I3908-18		1	5.04	50	2.00	2.30	3.20	0.90	1.10	0.60	47.62	06/29/2017	15:39
9	I3908-19		1	5.03	50	2.00	3.20	4.16	0.96	1.04	0.54	42.94	06/29/2017	15:40
10	I3908-20		1	5.02	50	2.00	4.16	4.94	0.78	1.22	0.72	57.37	06/29/2017	15:42
11	I3908-21		1	5.04	50	2.00	4.94	5.78	0.84	1.16	0.66	52.38	06/29/2017	15:45
12	I3908-22		1	5.04	50	2.00	5.78	6.72	0.94	1.06	0.56	44.44	06/29/2017	15:46

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	I3908-23		1	5.03	50	2.00	6.72	7.50	0.78	1.22	0.72	57.26	06/29/2017	15:48
14	I3908-24		1	5.03	50	2.00	7.50	8.24	0.74	1.26	0.76	60.44	06/29/2017	15:50
15	I3974-03		1	5.02	50	2.00	8.24	9.06	0.82	1.18	0.68	54.18	06/29/2017	15:51
16	I3977-03		1	5.03	50	2.00	0.00	0.74	0.74	1.26	0.76	60.44	06/29/2017	15:56

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