

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB86242

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	PB97433BL		1	5.00	50	5.00	0.00	4.34	4.34	0.66	0.00	0.00	03/08/2017	13:30
2	I2127-22		1	5.03	50	5.00	0.00	4.24	4.24	0.76	0.10	7.95	03/08/2017	13:35
3	I2127-22DUP		1	5.02	50	5.00	4.24	8.50	4.26	0.74	0.08	6.37	03/08/2017	13:42
4	I2127-23		1	5.09	50	5.00	0.00	4.06	4.06	0.94	0.28	22.00	03/08/2017	13:50
5	I2127-24		1	5.06	50	5.00	0.00	3.98	3.98	1.02	0.36	28.46	03/08/2017	13:55
6	I2127-25		1	5.00	50	5.00	3.98	7.70	3.72	1.28	0.62	49.60	03/08/2017	14:02
7	I2127-26		1	5.05	50	5.00	0.00	3.60	3.60	1.40	0.74	58.61	03/08/2017	14:07
8	I2127-27		1	5.04	50	5.00	3.60	7.56	3.96	1.04	0.38	30.16	03/08/2017	14:12
9	I2127-28		1	5.00	50	5.00	0.00	3.74	3.74	1.26	0.60	48.00	03/08/2017	14:18
10	I2127-29		1	5.07	50	5.00	3.74	7.52	3.78	1.22	0.56	44.18	03/08/2017	14:24
11	I2127-30		1	5.00	50	5.00	0.00	3.70	3.70	1.30	0.64	51.20	03/08/2017	14:30
12	I2129-09		1	5.06	50	5.00	3.70	7.18	3.48	1.52	0.86	67.98	03/08/2017	14:35

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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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
13	I2129-10		1	5.03	50	5.00	0.00	3.46	3.46	1.54	0.88	69.98	03/08/2017	14:40
14	I2129-11		1	5.05	50	5.00	3.46	7.00	3.54	1.46	0.80	63.37	03/08/2017	14:45
15	I2129-12		1	5.00	50	5.00	0.00	3.62	3.62	1.38	0.72	57.60	03/08/2017	14:52
16	I2160-02		1	5.03	50	5.00	3.62	7.22	3.60	1.40	0.74	58.85	03/08/2017	15:00
17	I2160-04		1	5.09	50	5.00	0.00	3.24	3.24	1.76	1.10	86.44	03/08/2017	15:06
18	I2160-06		1	5.03	50	5.00	3.24	6.62	3.38	1.62	0.96	76.34	03/08/2017	15:12
19	I2160-08		1	5.00	50	5.00	0.00	3.16	3.16	1.84	1.18	94.40	03/08/2017	15:17
20	I2160-10		1	5.02	50	5.00	3.16	6.36	3.20	1.80	1.14	90.84	03/08/2017	15:23

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