

Analysis Method: 9034

ANALYST: KETANKUMAR

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB85681

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	PB96708BL		1	5.00	50	5.00	0.00	4.12	4.12	0.88	0.00	0.00	02/03/2017	12:00
2	I1660-01		1	5.04	50	5.00	0.00	3.66	3.66	1.34	0.46	36.51	02/03/2017	12:06
3	I1660-01DUP		1	5.03	50	5.00	3.66	7.34	3.68	1.32	0.44	34.99	02/03/2017	12:12
4	I1660-02		1	5.04	50	5.00	0.00	3.64	3.64	1.36	0.48	38.10	02/03/2017	12:20
5	I1660-03		1	5.03	50	5.00	3.64	7.18	3.54	1.46	0.58	46.12	02/03/2017	12:26
6	I1660-04		1	5.02	50	5.00	0.00	3.24	3.24	1.76	0.88	70.12	02/03/2017	12:32
7	I1660-05		1	5.04	50	5.00	3.24	7.22	3.98	1.02	0.14	11.11	02/03/2017	12:40
8	I1660-06		1	5.05	50	5.00	0.00	3.62	3.62	1.38	0.50	39.60	02/03/2017	12:47
9	I1660-07		1	5.06	50	5.00	3.62	7.22	3.60	1.40	0.52	41.11	02/03/2017	12:55
10	I1660-08		1	5.04	50	5.00	0.00	3.56	3.56	1.44	0.56	44.44	02/03/2017	13:02
11	I1660-09		1	5.03	50	5.00	3.56	6.92	3.36	1.64	0.76	60.44	02/03/2017	13:10
12	I1660-10		1	5.02	50	5.00	0.00	3.26	3.26	1.74	0.86	68.53	02/03/2017	13:18

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	I1660-11		1	5.04	50	5.00	3.26	6.38	3.12	1.88	1.00	79.37	02/03/2017	13:25
14	I1660-12		1	5.03	50	5.00	0.00	3.40	3.40	1.60	0.72	57.26	02/03/2017	13:32
15	I1687-03		1	5.04	50	5.00	3.40	6.86	3.46	1.54	0.66	52.38	02/03/2017	13:40
16	I1687-04		1	5.03	50	5.00	0.00	2.96	2.96	2.04	1.16	92.25	02/03/2017	13:47

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