

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89500

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	PB101558BL		1	5.02	50	2.00	0.00	1.46	1.46	0.54	0.00	0.00	08/15/2017	14:25
2	I4791-11		1	5.04	50	2.00	1.46	2.66	1.20	0.80	0.26	20.63	08/15/2017	14:28
3	I4791-11DUP		1	5.03	50	2.00	2.66	3.88	1.22	0.78	0.24	19.09	08/15/2017	14:30
4	I4791-12		1	5.04	50	2.00	3.88	5.16	1.28	0.72	0.18	14.29	08/15/2017	14:32
5	I4791-13		1	5.05	50	2.00	5.16	6.60	1.44	0.56	0.02	1.58	08/15/2017	14:35
6	I4791-14		1	5.04	50	2.00	0.00	1.30	1.30	0.70	0.16	12.70	08/15/2017	14:38
7	I4791-15		1	5.03	50	2.00	1.30	2.58	1.28	0.72	0.18	14.31	08/15/2017	14:40
8	I4792-14		1	5.04	50	2.00	2.58	3.90	1.32	0.68	0.14	11.11	08/15/2017	14:42
9	I4792-15		1	5.03	50	2.00	3.90	4.90	1.00	1.00	0.46	36.58	08/15/2017	14:45
10	I4792-16		1	5.02	50	2.00	4.90	6.16	1.26	0.74	0.20	15.94	08/15/2017	14:48
11	I4792-17		1	5.03	50	2.00	6.16	7.34	1.18	0.82	0.28	22.27	08/15/2017	14:50
12	I4792-18		1	5.04	50	2.00	0.00	1.08	1.08	0.92	0.38	30.16	08/15/2017	14:53

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	I4792-19		1	5.04	50	2.00	1.08	2.38	1.30	0.70	0.16	12.70	08/15/2017	14:55
14	I4793-03		1	5.03	50	2.00	2.38	3.68	1.30	0.70	0.16	12.72	08/15/2017	14:58
15	I4793-06		1	5.03	50	2.00	3.68	4.88	1.20	0.80	0.26	20.68	08/15/2017	15:02
16	I4793-09		1	5.04	50	2.00	4.88	5.72	0.84	1.16	0.62	49.21	08/15/2017	15:05
17	I4795-03		1	5.03	50	2.00	5.72	6.84	1.12	0.88	0.34	27.04	08/15/2017	15:08
18	I4798-05		1	5.06	50	2.00	6.84	7.90	1.06	0.94	0.40	31.62	08/15/2017	15:10

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