

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91137

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	PB103695BL		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	10/26/2017	17:45
2	I6094-01		1	5.04	50	2.00	0.00	1.30	1.30	0.70	0.60	47.62	10/26/2017	17:47
3	I6094-01DUP		1	5.03	50	2.00	1.30	2.62	1.32	0.68	0.58	46.12	10/26/2017	17:50
4	I6094-02		1	5.04	50	2.00	2.62	3.64	1.02	0.98	0.88	69.84	10/26/2017	17:52
5	I6094-03		1	5.05	50	2.00	3.64	5.50	1.86	0.14	0.04	3.17	10/26/2017	17:55
6	I6094-04		1	5.04	50	2.00	5.90	7.26	1.36	0.64	0.54	42.86	10/26/2017	17:58
7	I6094-05		1	5.03	50	2.00	0.00	1.28	1.28	0.72	0.62	49.30	10/26/2017	18:02
8	I6094-06		1	5.04	50	2.00	1.28	2.58	1.30	0.70	0.60	47.62	10/26/2017	18:05
9	I6094-07		1	5.03	50	2.00	2.58	3.90	1.32	0.68	0.58	46.12	10/26/2017	18:08
10	I6138-04		1	5.04	50	2.00	3.90	5.78	1.88	0.12	0.02	1.59	10/26/2017	18:10
11	I6138-08		1	5.03	50	2.00	5.88	7.52	1.64	0.36	0.26	20.68	10/26/2017	18:12
12	I6141-03		1	5.04	50	2.00	0.00	1.70	1.70	0.30	0.20	15.87	10/26/2017	18:15

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	I6141-06		1	5.03	50	2.00	1.70	3.52	1.82	0.18	0.08	6.36	10/26/2017	18:18
14	I6146-03		1	5.04	50	2.00	3.52	5.04	1.52	0.48	0.38	30.16	10/26/2017	18:20
15	I6146-06		1	5.03	50	2.00	5.04	6.58	1.54	0.46	0.36	28.63	10/26/2017	18:22
16	I6146-09		1	5.04	50	2.00	6.58	8.14	1.56	0.44	0.34	26.98	10/26/2017	18:25

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