

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB120666

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2864
Starch Solution, 4L	W2766

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	PB145535BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	06/14/2022	15:45
2	N3304-07		1	5.05	50	2.00	1.92	3.80	1.88	0.12	0.04	3.17	06/14/2022	15:48
3	N3304-07DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	06/14/2022	15:50
4	N3304-08		1	5.05	50	2.00	5.70	7.54	1.84	0.16	0.08	6.34	06/14/2022	15:52
5	N3304-09		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	06/14/2022	15:55
6	N3304-10		1	5.06	50	2.00	1.86	3.68	1.82	0.18	0.10	7.91	06/14/2022	15:58
7	N3304-11		1	5.08	50	2.00	3.68	5.52	1.84	0.16	0.08	6.30	06/14/2022	16:02
8	N3304-12		1	5.09	50	2.00	5.52	7.40	1.88	0.12	0.04	3.14	06/14/2022	16:05
9	N3329-02		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	06/14/2022	16:08
10	N3329-04		1	5.07	50	2.00	1.84	3.70	1.86	0.14	0.06	4.73	06/14/2022	16:10
11	N3329-06		1	5.09	50	2.00	3.70	5.50	1.80	0.20	0.12	9.43	06/14/2022	16:12
12	N3334-02		1	5.08	50	2.00	5.50	7.32	1.82	0.18	0.10	7.87	06/14/2022	16:15

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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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	N3334-08		1	5.06	50	2.00	0.00	1.80	1.80	0.20	0.12	9.49	06/14/2022	16:18
14	N3334-14		1	5.07	50	2.00	1.80	3.62	1.82	0.18	0.10	7.89	06/14/2022	16:20
15	N3334-20		1	5.08	50	2.00	3.62	5.46	1.84	0.16	0.08	6.30	06/14/2022	16:22

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