

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB120822

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	PB145829BL		1	5.00	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	06/24/2022	13:45
2	N3422-02		1	5.02	50	2.00	1.96	3.88	1.92	0.08	0.04	3.19	06/24/2022	13:48
3	N3422-02DUP		1	5.04	50	2.00	3.88	5.82	1.94	0.06	0.02	1.59	06/24/2022	13:50
4	N3422-08		1	5.05	50	2.00	5.82	7.70	1.88	0.12	0.08	6.34	06/24/2022	13:52
5	N3431-02		1	5.07	50	2.00	0.00	1.94	1.94	0.06	0.02	1.58	06/24/2022	13:55
6	N3431-08		1	5.06	50	2.00	1.94	3.86	1.92	0.08	0.04	3.16	06/24/2022	13:58
7	N3431-14		1	5.08	50	2.00	3.86	5.76	1.90	0.10	0.06	4.72	06/24/2022	14:00
8	N3431-20		1	5.09	50	2.00	5.76	7.70	1.94	0.06	0.02	1.57	06/24/2022	14:02
9	N3447-01		1	5.07	50	2.00	0.00	1.92	1.92	0.08	0.04	3.16	06/24/2022	14:05
10	N3454-06		1	5.05	50	2.00	1.92	3.80	1.88	0.12	0.08	6.34	06/24/2022	14:08
11	N3454-09		1	5.06	50	2.00	3.80	5.70	1.90	0.10	0.06	4.74	06/24/2022	14:10
12	N3455-04		1	5.04	50	2.00	5.70	7.64	1.94	0.06	0.02	1.59	06/24/2022	14:12

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	N3455-10		1	5.09	50	2.00	0.00	1.90	1.90	0.10	0.06	4.72	06/24/2022	14:15
14	N3455-16		1	5.07	50	2.00	1.90	3.82	1.92	0.08	0.04	3.16	06/24/2022	14:18
15	N3468-02		1	5.08	50	2.00	3.82	5.70	1.88	0.12	0.08	6.30	06/24/2022	14:20
16	N3469-02		1	5.09	50	2.00	5.70	7.60	1.90	0.10	0.06	4.72	06/24/2022	14:22
17	N3472-01		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.08	6.31	06/24/2022	14:25
18	N3472-02		1	5.06	50	2.00	1.88	3.80	1.92	0.08	0.04	3.16	06/24/2022	14:28
19	N3472-03		1	5.05	50	2.00	3.80	5.74	1.94	0.06	0.02	1.58	06/24/2022	14:30
20	N3478-03		1	5.07	50	2.00	5.74	7.64	1.90	0.10	0.06	4.73	06/24/2022	14:32

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