

Analysis Method: 9034

ANALYST: Iwona

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Jignesh

Run Number: LB122467

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2924
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	PB148333BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	10/13/2022	14:20
2	N5043-01		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	10/13/2022	14:23
3	N5043-01DUP		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	10/13/2022	14:26
4	N5066-11		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	10/13/2022	14:30
5	N5066-13		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	10/13/2022	14:32
6	N5066-14		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	10/13/2022	14:35
7	N5066-15		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	10/13/2022	14:38
8	N5066-17		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	10/13/2022	14:40
9	N5066-19		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	10/13/2022	14:42
10	N5066-20		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	10/13/2022	14:45
11	N5067-12		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	10/13/2022	14:48
12	N5067-13		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	10/13/2022	14:50

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	N5067-14		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	10/13/2022	14:52
14	N5067-15		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	10/13/2022	14:55
15	N5078-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	10/13/2022	14:58
16	N5093-01		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	10/13/2022	15:00
17	N5093-02		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	10/13/2022	15:02
18	N5096-03		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	10/13/2022	15:05
19	N5096-04		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.06	4.72	10/13/2022	15:08

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