

Analysis Method: 9034

ANALYST: Iwona

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB123014

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2941
IODINE SOLUTION .025N 1L	W2924
Starch Solution, 4L	W2977

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	PB149280BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	11/23/2022	12:35
2	N5676-01		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.02	1.60	11/23/2022	12:38
3	N5676-01DUP		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	11/23/2022	12:40
4	N5734-01		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	11/23/2022	12:43
5	N5734-06		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	11/23/2022	12:45
6	N5734-07		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	11/23/2022	12:48
7	N5740-02		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	11/23/2022	12:50
8	N5749-02		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	11/23/2022	12:53
9	N5749-09		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.10	7.89	11/23/2022	12:55
10	N5749-16		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	11/23/2022	12:58
11	N5749-23		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	11/23/2022	13:00
12	N5758-02		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	11/23/2022	13:02

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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Normality2: 0.025

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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	N5762-06		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	11/23/2022	13:05
14	N5762-09		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	11/23/2022	13:08
15	N5764-01		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	11/23/2022	13:10
16	N5765-02		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	11/23/2022	13:12
17	N5765-05		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	11/23/2022	13:14

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