

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB122796

ANALYST: Iwona

SUPERVISOR REVIEW BY: JIGNESH

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	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	PB148903BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	11/08/2022	09:30
2	N5491-02		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.06	4.78	11/08/2022	09:33
3	N5491-02DUP		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.04	3.18	11/08/2022	09:35
4	N5491-05		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.06	4.75	11/08/2022	09:37
5	N5491-08		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.08	6.35	11/08/2022	09:40
6	N5491-11		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.04	3.19	11/08/2022	09:42
7	N5494-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	11/08/2022	09:45
8	N5494-04		1	5.03	50	2.00	0.00	1.80	1.80	0.20	0.10	7.95	11/08/2022	09:48
9	N5494-06		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.06	4.73	11/08/2022	09:50
10	N5494-08		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	11/08/2022	09:53
11	N5494-10		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.08	6.37	11/08/2022	09:55
12	N5494-12		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.06	4.76	11/08/2022	09:58

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	N5494-14		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	11/08/2022	10:00
14	N5494-16		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.06	4.76	11/08/2022	10:02
15	N5494-18		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.06	4.75	11/08/2022	10:05
16	N5494-20		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.02	1.60	11/08/2022	10:08
17	N5495-03		1	5.05	50	2.00	0.00	1.80	1.80	0.20	0.10	7.92	11/08/2022	10:10
18	N5495-06		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.06	4.78	11/08/2022	10:12
19	N5495-09		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.04	3.16	11/08/2022	10:15
20	N5495-12		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.02	1.60	11/08/2022	10:18
21	N5502-02		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.06	4.77	11/08/2022	10:20

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