

Analysis Method: 9034

ANALYST: Iwona

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: jignesh

Run Number: LB121932

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	PB147519BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	09/08/2022	13:10
2	N4501-02		1	5.06	50	2.00	1.92	3.78	1.86	0.14	0.06	4.74	09/08/2022	13:13
3	N4501-02DUP		1	5.02	50	2.00	3.78	5.66	1.88	0.12	0.04	3.19	09/08/2022	13:16
4	N4501-04		1	5.07	50	2.00	5.66	7.54	1.88	0.12	0.04	3.16	09/08/2022	13:20
5	N4501-06		1	5.04	50	2.00	7.54	9.44	1.90	0.10	0.02	1.59	09/08/2022	13:23
6	N4501-08		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	09/08/2022	13:26
7	N4501-10		1	5.05	50	2.00	1.84	3.72	1.88	0.12	0.04	3.17	09/08/2022	13:29
8	N4501-12		1	5.02	50	2.00	3.72	5.62	1.90	0.10	0.02	1.59	09/08/2022	13:32
9	N4501-14		1	5.07	50	2.00	5.62	7.46	1.84	0.16	0.08	6.31	09/08/2022	13:35
10	N4501-16		1	5.04	50	2.00	7.46	9.34	1.88	0.12	0.04	3.17	09/08/2022	13:38
11	N4509-09		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	09/08/2022	13:41
12	N4509-10		1	5.02	50	2.00	1.88	3.78	1.90	0.10	0.02	1.59	09/08/2022	13:44

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	N4509-11		1	5.06	50	2.00	3.78	5.64	1.86	0.14	0.06	4.74	09/08/2022	13:47
14	N4509-12		1	5.04	50	2.00	5.64	7.54	1.90	0.10	0.02	1.59	09/08/2022	13:50
15	N4509-13		1	5.05	50	2.00	7.54	9.44	1.90	0.10	0.02	1.58	09/08/2022	13:53
16	N4509-14		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	09/08/2022	13:56
17	N4509-15		1	5.05	50	2.00	1.86	3.74	1.88	0.12	0.04	3.17	09/08/2022	14:00
18	N4509-16		1	5.03	50	2.00	3.74	5.64	1.90	0.10	0.02	1.59	09/08/2022	14:03

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