

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB121795

ANALYST: Iwona

SUPERVISOR REVIEW BY: Jignesh

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	PB147359BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	08/30/2022	11:40
2	N4330-03		1	5.06	50	2.00	1.94	3.84	1.90	0.10	0.04	3.16	08/30/2022	11:43
3	N4330-03DUP		1	5.04	50	2.00	3.84	5.74	1.90	0.10	0.04	3.17	08/30/2022	11:46
4	N4375-02		1	5.02	50	2.00	5.74	7.66	1.92	0.08	0.02	1.59	08/30/2022	11:49
5	N4375-05		1	5.03	50	2.00	7.66	9.54	1.88	0.12	0.06	4.77	08/30/2022	11:52
6	N4375-08		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	08/30/2022	11:55
7	N4375-11		1	5.04	50	2.00	1.90	3.76	1.86	0.14	0.08	6.35	08/30/2022	11:58
8	N4421-02		1	5.05	50	2.00	3.76	5.68	1.92	0.08	0.02	1.58	08/30/2022	12:01
9	N4421-07		1	5.02	50	2.00	5.68	7.56	1.88	0.12	0.06	4.78	08/30/2022	12:04
10	N4421-12		1	5.07	50	2.00	7.56	9.48	1.92	0.08	0.02	1.58	08/30/2022	12:07
11	N4423-02		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	08/30/2022	12:10
12	N4423-05		1	5.02	50	2.00	1.90	3.78	1.88	0.12	0.06	4.78	08/30/2022	12:13

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	N4438-01		1	5.06	50	2.00	3.78	5.66	1.88	0.12	0.06	4.74	08/30/2022	12:16
14	N4438-02		1	5.04	50	2.00	5.66	7.58	1.92	0.08	0.02	1.59	08/30/2022	12:19
15	N4438-03		1	5.05	50	2.00	7.58	9.48	1.90	0.10	0.04	3.17	08/30/2022	12:22

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