

Analysis Method: 9034

ANALYST: mohammad

Parameter: Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121941

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 Volume (mL)	Final Volume (mL)	T1 (mL)	T2 Initial	T2 Final	T2 Diff. (mL)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	AnalDate	Anal Time
1	PB147522BL		1	50	50	5.00	0.00	4.88	4.88	0.12	0.00	0.00	09/02/2022	12:33
2	PB147522BS	25	1	50	50	5.00	0.00	2.30	2.30	2.70	2.58	20.64	09/02/2022	12:37
3	N4436-01		1	50	50	5.00	0.00	4.82	4.82	0.18	0.06	0.48	09/02/2022	12:41
4	N4454-01		1	50	50	5.00	0.00	4.85	4.85	0.15	0.03	0.24	09/02/2022	12:45
5	N4454-03		1	50	50	5.00	0.00	4.81	4.81	0.19	0.07	0.56	09/02/2022	12:49
6	N4454-03DUP		1	50	50	5.00	0.00	4.80	4.80	0.20	0.08	0.64	09/02/2022	12:51
7	N4454-03MS	25	1	50	50	5.00	0.00	2.22	2.22	2.78	2.66	21.28	09/02/2022	12:55
8	N4454-03MSD	25	1	50	50	5.00	0.00	2.20	2.20	2.80	2.68	21.44	09/02/2022	12:58
9	N4454-06		1	50	50	5.00	0.00	4.88	4.88	0.12	0.00	0.00	09/02/2022	13:04
10	N4454-08		1	50	50	5.00	0.00	4.86	4.86	0.14	0.02	0.16	09/02/2022	13:08
11	N4454-10		1	50	50	5.00	0.00	4.40	4.40	0.60	0.48	3.84	09/02/2022	13:11

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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Run Number: LB121941

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Normality2: 0.025

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SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2924
Starch Solution, 4L	W2766

Seq	Lab ID	True Value (mg/L)	DF	Initial Volume (mL)	Final Volume (mL)	T1 (mL)	T2 Initial	T2 Final	T2 Diff. (mL)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	AnalDate	Anal Time
12	N4454-12		1	50	50	5.00	0.00	4.44	4.44	0.56	0.44	3.52	09/02/2022	13:17
13	N4471-01		1	50	50	5.00	0.00	4.36	4.36	0.64	0.52	4.16	09/02/2022	13:26
14	N4471-03		1	50	50	5.00	0.00	4.64	4.64	0.36	0.24	1.92	09/02/2022	13:30
15	N4471-06		1	50	50	5.00	0.00	4.48	4.48	0.52	0.40	3.20	09/02/2022	13:35
16	N4471-08		1	50	50	5.00	0.00	4.08	4.08	0.92	0.80	6.40	09/02/2022	13:40
17	N4471-10		1	50	50	5.00	4.08	8.12	4.04	0.96	0.84	6.72	09/02/2022	13:45
18	N4471-13		1	50	50	5.00	0.00	4.24	4.24	0.76	0.64	5.12	09/02/2022	13:51
19	N4471-15		1	50	50	5.00	4.24	7.96	3.72	1.28	1.16	9.28	09/02/2022	13:54
20	N4508-01		1	50	50	5.00	0.00	4.80	4.80	0.20	0.08	0.64	09/02/2022	13:57
21	N4508-05		1	50	50	5.00	0.00	4.76	4.76	0.24	0.12	0.96	09/02/2022	14:04
22	N4508-11		1	50	50	5.00	0.00	4.64	4.64	0.36	0.24	1.92	09/02/2022	14:09

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

Analysis Method: 9034

Parameter: Sulfide

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Constant: 16000

Normality1: 0.025

Normality2: 0.025

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SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
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Seq	Lab ID	True Value (mg/L)	DF	Initial Volume (mL)	Final Volume (mL)	T1 (mL)	T2 Initial	T2 Final	T2 Diff. (mL)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	AnalDate	Anal Time
23	N4511-02		1	50	50	5.00	0.00	4.72	4.72	0.28	0.16	1.28	09/02/2022	14:15

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