

Analysis Method: 9034

ANALYST: Iwona

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: jignesh

Run Number: LB122634

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	PB148571BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	10/27/2022	09:10
2	N5265-02		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	10/27/2022	09:13
3	N5265-02DUP		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.04	3.19	10/27/2022	09:15
4	N5267-02		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	10/27/2022	09:18
5	N5267-05		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.06	4.76	10/27/2022	09:20
6	N5267-08		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	10/27/2022	09:23
7	N5267-11		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.08	6.34	10/27/2022	09:25
8	N5267-14		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.04	3.18	10/27/2022	09:28
9	N5267-17		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.06	4.73	10/27/2022	09:30
10	N5267-20		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.06	4.76	10/27/2022	09:32
11	N5268-04		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.08	6.36	10/27/2022	09:35
12	N5271-01		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	10/27/2022	09:38

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	N5273-02		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.06	4.74	10/27/2022	09:40
14	N5275-01		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	10/27/2022	09:43
15	N5284-02		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.06	4.75	10/27/2022	09:45
16	N5284-05		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.06	4.78	10/27/2022	09:48

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