

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB123328

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	W2977

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	PB149747BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	12/19/2022	13:30
2	N6023-04		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	12/19/2022	13:33
3	N6023-04DUP		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	12/19/2022	13:35
4	N6051-02		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	12/19/2022	13:38
5	N6065-02		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	12/19/2022	13:40
6	N6065-05		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	12/19/2022	13:42
7	N6067-02		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	12/19/2022	13:45
8	N6071-02		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/19/2022	13:48
9	N6071-06		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.10	7.89	12/19/2022	13:50
10	N6071-12		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	12/19/2022	13:52
11	N6072-01		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	12/19/2022	13:55
12	N6072-02		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/19/2022	13:57

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	N6089-02		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.10	7.89	12/19/2022	14:00
14	N6097-02		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	12/19/2022	14:03
15	N6098-02		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	12/19/2022	14:05
16	N6098-08		1	5.08	50	2.00	0.00	1.88	1.88	0.12	0.04	3.15	12/19/2022	14:08
17	N6098-12		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	12/19/2022	14:10
18	N6129-02		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	12/19/2022	14:12
19	N6129-05		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	12/19/2022	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