

Analysis Method: 9034

ANALYST: Iwona

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB122707

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	PB148718BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	11/01/2022	09:20
2	N5313-02		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.04	3.19	11/01/2022	09:23
3	N5313-02DUP		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	11/01/2022	09:25
4	N5313-09		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.04	3.19	11/01/2022	09:28
5	N5313-16		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.06	4.76	11/01/2022	09:30
6	N5316-02		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.06	4.73	11/01/2022	09:32
7	N5316-09		1	5.05	50	2.00	0.00	1.80	1.80	0.20	0.10	7.92	11/01/2022	09:35
8	N5332-02		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.04	3.18	11/01/2022	09:38
9	N5336-04		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.08	6.31	11/01/2022	09:40
10	N5336-07		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	11/01/2022	09:43
11	N5337-07		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.06	4.77	11/01/2022	09:45
12	N5371-02		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	11/01/2022	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

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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	N5371-05		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	11/01/2022	09:50
14	N5371-08		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.04	3.17	11/01/2022	09:52
15	N5377-01		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.04	3.17	11/01/2022	09:55
16	N5380-02		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.08	6.37	11/01/2022	09:58
17	N5380-05		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.06	4.75	11/01/2022	10:00
18	N5380-08		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	11/01/2022	10:02

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