

Analysis Method: 9034

ANALYST: Iwona

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB122824

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	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	PB148930BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	11/09/2022	15:20
2	N5506-02		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	11/09/2022	15:22
3	N5506-02DUP		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	11/09/2022	15:25
4	N5506-05		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	11/09/2022	15:27
5	N5506-08		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	11/09/2022	15:30
6	N5506-11		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	11/09/2022	15:33
7	N5506-14		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	11/09/2022	15:35
8	N5509-02		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	11/09/2022	15:37
9	N5509-05		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	11/09/2022	15:40
10	N5509-08		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	11/09/2022	15:43
11	N5509-11		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	11/09/2022	15:45
12	N5524-03		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	11/09/2022	15:48

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	N5529-02		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	11/09/2022	15:50
14	N5530-02		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	11/09/2022	15:53
15	N5530-04		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	11/09/2022	15:55
16	N5530-06		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	11/09/2022	15:28
17	N5530-08		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	11/09/2022	15:30
18	N5530-10		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	11/09/2022	15:34

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