

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB121951

ANALYST: Iwona

SUPERVISOR REVIEW BY: jignesh

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	PB147568BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	09/09/2022	12:45
2	N4528-01		1	5.06	50	2.00	1.94	3.82	1.88	0.12	0.06	4.74	09/09/2022	12:48
3	N4528-01DUP		1	5.02	50	2.00	3.82	5.72	1.90	0.10	0.04	3.19	09/09/2022	12:50
4	N4528-03		1	5.02	50	2.00	5.72	7.60	1.88	0.12	0.06	4.78	09/09/2022	12:53
5	N4530-02		1	5.05	50	2.00	7.60	9.50	1.90	0.10	0.04	3.17	09/09/2022	12:55
6	N4530-04		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	09/09/2022	12:58
7	N4530-06		1	5.07	50	2.00	1.92	3.80	1.88	0.12	0.06	4.73	09/09/2022	13:00
8	N4530-08		1	5.04	50	2.00	3.80	5.66	1.86	0.14	0.08	6.35	09/09/2022	13:03
9	N4530-10		1	5.03	50	2.00	5.66	7.56	1.90	0.10	0.04	3.18	09/09/2022	13:05
10	N4530-12		1	5.02	50	2.00	7.56	9.42	1.86	0.14	0.08	6.37	09/09/2022	13:08
11	N4530-14		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	09/09/2022	13:10
12	N4539-03		1	5.04	50	2.00	1.92	3.80	1.88	0.12	0.06	4.76	09/09/2022	13:13

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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13	N4539-04		1	5.05	50	2.00	3.80	5.66	1.86	0.14	0.08	6.34	09/09/2022	13:15

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