

Analysis Method: 9034

ANALYST: Iwona

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Sohil

Run Number: LB123066

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	PB149326BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	11/30/2022	11:50
2	N5780-02		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	11/30/2022	11:53
3	N5780-02DUP		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	11/30/2022	11:56
4	N5795-02		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	11/30/2022	11:58
5	N5795-05		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	11/30/2022	12:00
6	N5796-02		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	11/30/2022	12:02
7	N5796-05		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	11/30/2022	12:04
8	N5801-02		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	11/30/2022	12:06
9	N5806-02		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	11/30/2022	12:08
10	N5806-09		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	11/30/2022	12:10
11	N5807-05		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	11/30/2022	12:13
12	N5809-02		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	11/30/2022	12:15

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

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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	N5809-04		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	11/30/2022	12:18
14	N5809-06		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	11/30/2022	12:20
15	N5812-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	11/30/2022	12:23

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