

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128900

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2976
IODINE SOLUTION .025N 1L	W3050
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	PB157987BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	12/22/2023	12:45
2	O5914-03		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	12/22/2023	12:48
3	O5914-03DUP		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	12/22/2023	12:50
4	O5926-02		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/22/2023	12:52
5	O5926-04		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	12/22/2023	12:55
6	O5926-06		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	12/22/2023	12:58
7	O5930-02		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	12/22/2023	13:00
8	O5931-02		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	12/22/2023	13:02
9	O5980-02		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	12/22/2023	13:05
10	O5993-01		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	12/22/2023	13:08
11	O5994-02		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	12/22/2023	13:10
12	O5994-05		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	12/22/2023	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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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	05994-08		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	12/22/2023	13:15
14	05994-11		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	12/22/2023	13:18

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