

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129382

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	PB158790BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	02/05/2024	13:20
2	P1066-02		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	02/05/2024	13:23
3	P1307-02		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	02/05/2024	13:25
4	P1307-02DUP		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	02/05/2024	13:28
5	P1307-09		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	02/05/2024	13:30
6	P1307-16		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	02/05/2024	13:33
7	P1311-02		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.06	4.78	02/05/2024	13:35
8	P1311-04		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	02/05/2024	13:38
9	P1311-06		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	02/05/2024	13:40
10	P1311-08		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	02/05/2024	13:42
11	P1314-06		1	5.00	50	2.00	0.00	1.86	1.86	0.14	0.08	6.40	02/05/2024	13:45
12	P1314-08		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	02/05/2024	13:48

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	P1314-10		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	02/05/2024	13:50
14	P1331-01		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.08	6.32	02/05/2024	13:52
15	P1337-03		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	02/05/2024	13:55
16	P1337-06		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	02/05/2024	13:58
17	P1337-09		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.08	6.34	02/05/2024	14:00
18	P1337-12		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	02/05/2024	14:02
19	P1337-15		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	02/05/2024	14:05
20	P1337-19		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.06	4.77	02/05/2024	14:08
21	P1338-02		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	02/05/2024	14:10

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