CHEMTECH

Analytical Summary Report

Analysis Method: 9034
Parameter: Reactive Sulfide
Run Number: LB123918

ANALYST: Rubina
SUPERVISOR REVIEW BY: Iwona
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	PB150568BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	02/03/2023	12:45
2	O1358-03		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	02/03/2023	12:48
3	O1358-03DUP		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	02/03/2023	12:51
4	O1358-06		1	5.09	50	2.00	0.00	1.88	1.88	0.12	0.04	3.14	02/03/2023	12:54
5	O1358-09		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	02/03/2023	12:57
6	O1358-12		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	02/03/2023	13:00
7	O1358-15		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	02/03/2023	13:03
8	O1360-02		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	02/03/2023	13:05
9	O1363-02		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	02/03/2023	13:08
10	O1369-04		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	02/03/2023	13:10
11	O1369-05		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	02/03/2023	13:13
12	O1369-06		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	02/03/2023	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

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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	O1386-04		1	5.08	50	2.00	0.00	1.88	1.88	0.12	0.04	3.15	02/03/2023	13:18
14	O1386-08		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	02/03/2023	13:20
15	O1386-12		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	02/03/2023	13:22
16	O1386-16		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.10	7.89	02/03/2023	13:25
17	O1390-02		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	02/03/2023	13:27
18	O1390-05		1	5.08	50	2.00	0.00	1.82	1.82	0.18	0.10	7.87	02/03/2023	13:30
19	O1391-01		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	02/03/2023	13:33
20	O1391-02		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.06	4.72	02/03/2023	13:35
21	O1406-01		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	02/03/2023	13:38

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