CHEMTECH

Analytical Summary Report

Analysis Method: 9034
Parameter: Reactive Sulfide
Run Number: LB124542

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	PB151398BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	03/17/2023	13:45
2	O1900-04		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	03/17/2023	13:48
3	O1900-04DUP		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	03/17/2023	13:51
4	O1900-07		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	03/17/2023	13:54
5	O1905-02		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	03/17/2023	13:57
6	O1905-05		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	03/17/2023	14:00
7	O1905-08		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	03/17/2023	14:03
8	O1905-11		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	03/17/2023	14:06
9	O1908-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	03/17/2023	14:08
10	O1921-01		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	03/17/2023	14:10
11	O1921-02		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	03/17/2023	14:12
12	O1928-02		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	03/17/2023	14:15

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	O1932-04		1	5.08	50	2.00	0.00	1.82	1.82	0.18	0.10	7.87	03/17/2023	14:18
14	O1932-08		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	03/17/2023	14:20
15	O1932-12		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	03/17/2023	14:22
16	O1932-16		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	03/17/2023	14:25
17	O1932-20		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	03/17/2023	14:28
18	O1939-01		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	03/17/2023	14:30
19	O1939-02		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	03/17/2023	14:33
20	O1939-03		1	5.08	50	2.00	0.00	1.82	1.82	0.18	0.10	7.87	03/17/2023	14:35
21	O1942-01		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	03/17/2023	14:37

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