CHEMTECH

Analytical Summary Report

Analysis Method: 9034
Parameter: Reactive Sulfide
Run Number: LB125826

ANALYST: Rubina
SUPERVISOR REVIEW BY: Iwona
Constant: 16000
Normality1: 0.025
Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE,0.025N,4LITRE	W2976
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	PB153193BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	06/07/2023	13:00
2	O3002-03		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/07/2023	13:03
3	O3002-03DUP		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	06/07/2023	13:06
4	O3002-05		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	06/07/2023	13:08
5	O3002-07		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	06/07/2023	13:10
6	O3002-09		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	06/07/2023	13:13
7	O3008-02		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	06/07/2023	13:15
8	O3008-05		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	06/07/2023	13:18
9	O3016-02		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	06/07/2023	13:20
10	O3016-05		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	06/07/2023	13:23
11	O3018-04		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	06/07/2023	13:25
12	O3018-06		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	06/07/2023	13:28

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	O3018-08		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	06/07/2023	13:30
14	O3018-10		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	06/07/2023	13:33
15	O3018-12		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	06/07/2023	13:35
16	O3018-14		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	06/07/2023	13:38
17	O3029-02		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	06/07/2023	13:40
18	O3029-05		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.10	7.89	06/07/2023	13:43
19	O3029-08		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	06/07/2023	13:46
20	O3029-11		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	06/07/2023	13:48
21	O3029-14		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	06/07/2023	13:50

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