CHEMTECH

Analytical Summary Report

Analysis Method: 9034
Parameter: Reactive Sulfide
Run Number: LB126071

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	PB153586BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	06/21/2023	08:00
2	O3296-02		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	06/21/2023	08:02
3	O3296-02DUP		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	06/21/2023	08:05
4	O3296-08		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	06/21/2023	08:08
5	O3296-14		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	06/21/2023	08:10
6	O3296-20		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	06/21/2023	08:13
7	O3297-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	06/21/2023	08:15
8	O3298-02		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	06/21/2023	08:18
9	O3298-08		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	06/21/2023	08:20
10	O3308-02		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	06/21/2023	08:23
11	O3308-05		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	06/21/2023	08:25
12	O3320-02		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	06/21/2023	08:28

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	O3320-05		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	06/21/2023	08:30
14	O3320-08		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	06/21/2023	08:33
15	O3320-11		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	06/21/2023	08:35
16	O3320-14		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	06/21/2023	08:38
17	O3320-17		1	5.01	50	2.00	0.00	1.82	1.82	0.18	0.10	7.98	06/21/2023	08:40
18	O3320-20		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	06/21/2023	08:42
19	O3330-02		1	5.08	50	2.00	0.00	1.88	1.88	0.12	0.04	3.15	06/21/2023	08:45
20	O3330-08		1	5.01	50	2.00	0.00	1.82	1.82	0.18	0.10	7.98	06/21/2023	08:48
21	O3330-14		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	06/21/2023	08:50
22	O3333-02		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	06/21/2023	08:52

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