CHEMTECH

Analytical Summary Report

Analysis Method: 9034
Parameter: Reactive Sulfide
Run Number: LB126814

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	PB154695BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	08/10/2023	12:30
2	O3926-01		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	08/10/2023	12:33
3	O3926-01DUP		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	08/10/2023	12:36
4	O3931-02		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	08/10/2023	12:38
5	O3931-04		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	08/10/2023	12:40
6	O3941-01		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	08/10/2023	12:43
7	O3947-01		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	08/10/2023	12:45
8	O3954-02		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	08/10/2023	12:48
9	O3954-05		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	08/10/2023	12:50
10	O3954-08		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	08/10/2023	12:53
11	O3954-11		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	08/10/2023	12:55
12	O3954-14		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	08/10/2023	12:58

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	O3954-17		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	08/10/2023	13:00
14	O3954-20		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	08/10/2023	13:03
15	O3955-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	08/10/2023	13:06
16	O3955-05		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	08/10/2023	13:08
17	O3955-08		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	08/10/2023	13:10
18	O3955-11		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	08/10/2023	12:13
19	O3955-14		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	08/10/2023	13:15
20	O3955-17		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	08/10/2023	13:18
21	O3955-20		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	08/10/2023	13:20

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