CHEMTECH

Analytical Summary Report

Analysis Method: 9034
Parameter: Reactive Sulfide
Run Number: LB124114

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	PB150870BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	02/16/2023	16:00
2	O1537-02		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	02/16/2023	16:02
3	O1537-02DUP		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	02/16/2023	16:05
4	O1537-10		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	02/16/2023	16:07
5	O1537-17		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	02/16/2023	16:10
6	O1538-02		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	02/16/2023	16:12
7	O1538-09		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	02/16/2023	16:15
8	O1538-16		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	02/16/2023	16:18
9	O1539-02		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	02/16/2023	16:20
10	O1539-10		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	02/16/2023	16:22
11	O1541-01		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.10	7.89	02/16/2023	16:24
12	O1552-04		1	5.09	50	2.00	0.00	1.88	1.88	0.12	0.04	3.14	02/16/2023	16:26

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	O1552-07		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.10	7.89	02/16/2023	16:28
14	O1552-10		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	02/16/2023	16:30
15	O1552-13		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	02/16/2023	16:32
16	O1552-16		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	02/16/2023	16:35
17	O1552-19		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	02/16/2023	16:38
18	O1572-02		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	02/16/2023	16:40
19	O1572-05		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	02/16/2023	16:43
20	O1574-02		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	02/16/2023	16:45
21	O1581-02		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	02/16/2023	16:48
22	O1581-05		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.06	4.72	02/16/2023	16:50

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