CHEMTECH

Analytical Summary Report

Analysis Method: 9034
Parameter: Reactive Sulfide
Run Number: LB125119

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	PB152273BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	04/20/2023	12:50
2	O2389-04		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	04/20/2023	12:53
3	O2389-04DUP		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	04/20/2023	12:56
4	O2389-08		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	04/20/2023	12:59
5	O2389-12		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	04/20/2023	13:02
6	O2389-16		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	04/20/2023	13:05
7	O2389-20		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	04/20/2023	13:08
8	O2389-24		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	04/20/2023	13:11
9	O2389-28		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	04/20/2023	13:13
10	O2389-32		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	04/20/2023	13:15
11	O2390-04		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	04/20/2023	13:18
12	O2390-08		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	04/20/2023	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

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13	O2390-12		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	04/20/2023	13:23
14	O2406-02		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	04/20/2023	13:25
15	O2406-04		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	04/20/2023	13:28
16	O2406-06		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	04/20/2023	13:30
17	O2406-08		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	04/20/2023	13:32
18	O2407-02		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.10	7.89	04/20/2023	13:35
19	O2423-04		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	04/20/2023	13:38
20	O2423-08		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	04/20/2023	13:40
21	O2423-12		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	04/20/2023	13:43
22	O2423-16		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	04/20/2023	11:32

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