CHEMTECH

Analytical Summary Report

Analysis Method: 9034
Parameter: Reactive Sulfide
Run Number: LB128563

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	W3050
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	PB157477BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	12/05/2023	11:00
2	O5573-02		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/05/2023	11:03
3	O5573-02DUP		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/05/2023	11:05
4	O5573-04		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	12/05/2023	11:08
5	O5573-06		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	12/05/2023	11:10
6	O5573-08		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/05/2023	11:12
7	O5573-10		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	12/05/2023	11:15
8	O5579-02		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	12/05/2023	11:18
9	O5579-06		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	12/05/2023	11:20
10	O5580-02		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	12/05/2023	11:23
11	O5580-04		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	12/05/2023	11:25
12	O5588-03		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/05/2023	11:28

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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IODINE SOLUTION .025N 1L	W3050
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
13	O5589-01		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	12/05/2023	11:30
14	O5589-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	12/05/2023	11:33
15	O5602-02		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	12/05/2023	11:35
16	O5602-04		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	12/05/2023	11:38
17	O5602-06		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	12/05/2023	11:40
18	O5602-08		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	12/05/2023	11:43
19	O5602-10		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	12/05/2023	11:45
20	O5602-12		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.06	4.72	12/05/2023	11:48

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