CHEMTECH

Analytical Summary Report

Analysis Method: 9034
Parameter: Reactive Sulfide
Run Number: LB135592

ANALYST: rubina
SUPERVISOR REVIEW BY: Iwona
Constant: 16000
Normality1: 0.025
Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE,0.025N,4LITRE	W3105
IODINE SOLUTION .025N 1L	W3114
Starch Solution, 4L	W3149

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	PB167769BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	04/29/2025	10:40
2	Q1865-01		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	04/29/2025	10:43
3	Q1865-02		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	04/29/2025	10:45
4	Q1865-03		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	04/29/2025	10:47
5	Q1865-04		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.06	4.79	04/29/2025	10:49
6	Q1869-04		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	04/29/2025	10:52
7	Q1871-04		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	04/29/2025	10:55
8	Q1871-08		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	04/29/2025	10:58
9	Q1874-02		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.02	1.60	04/29/2025	11:00
10	Q1874-04		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	04/29/2025	11:03
11	Q1874-06		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	04/29/2025	11:06
12	Q1875-02		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	04/29/2025	11:08

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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Starch Solution, 4L	W3149

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	Q1891-04		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	04/29/2025	11:11
14	Q1891-08		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	04/29/2025	11:14
15	Q1892-04		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.06	4.79	04/29/2025	11:17
16	Q1892-08		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	04/29/2025	11:20
17	Q1892-12		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	04/29/2025	11:23
18	Q1895-02		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	04/29/2025	11:25
19	Q1895-04		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	04/29/2025	11:28
20	Q1895-06		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	04/29/2025	11:30
21	Q1895-06DUP		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	04/29/2025	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