

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB130795

ANALYST: Niha
 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	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	PB160956BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	05/16/2024	13:10
2	P2494-01		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	05/16/2024	13:12
3	P2494-01DUP		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	05/16/2024	13:14
4	P2494-02		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	05/16/2024	13:16
5	P2494-03		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.06	4.79	05/16/2024	13:18
6	P2494-04		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	05/16/2024	13:20
7	P2494-05		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	05/16/2024	13:22
8	P2494-06		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	05/16/2024	13:24
9	P2494-07		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.06	4.75	05/16/2024	13:26
10	P2494-08		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.08	6.36	05/16/2024	13:28
11	P2494-09		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	05/16/2024	13:30
12	P2494-10		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	05/16/2024	13:32

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

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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	P2494-11		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	05/16/2024	13:34
14	P2494-12		1	5.05	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	05/16/2024	13:36
15	P2494-13		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	05/16/2024	13:38
16	P2494-14		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.08	6.32	05/16/2024	13:40
17	P2494-15		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	05/16/2024	13:42
18	P2494-16		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.06	4.78	05/16/2024	13:44
19	P2494-17		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.06	4.78	05/16/2024	13:48
20	P2494-18		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	05/16/2024	13:50
21	P2494-20		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.08	6.36	05/16/2024	13:52

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