

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB129505

ANALYST: Nikita
 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	PB158999BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	02/13/2024	15:00
2	P1446-02		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	02/13/2024	15:03
3	P1446-02DUP		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	02/13/2024	15:06
4	P1449-02		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	02/13/2024	15:09
5	P1453-04		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	02/13/2024	15:12
6	P1453-08		1	5.01	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	02/13/2024	15:15
7	P1459-02		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	02/13/2024	15:18
8	P1460-02		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	02/13/2024	15:21
9	P1461-03		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	02/13/2024	15:24
10	P1461-06		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	02/13/2024	15:27
11	P1463-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	02/13/2024	15:30
12	P1464-04		1	5.08	50	2.00	0.00	1.88	1.88	0.12	0.04	3.15	02/13/2024	15:33

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	P1464-05		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	02/13/2024	15:36
14	P1464-06		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	02/13/2024	15:39

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