

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133436

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	PB164888BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	11/13/2024	13:30
2	P4799-03		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	11/13/2024	13:33
3	P4799-03DUP		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	11/13/2024	13:36
4	P4799-07		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	11/13/2024	13:38
5	P4799-11		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	11/13/2024	13:40
6	P4799-15		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	11/13/2024	13:43
7	P4799-19		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	11/13/2024	13:45
8	P4807-04		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.06	4.79	11/13/2024	13:48
9	P4807-08		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	11/13/2024	13:50
10	P4807-12		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	11/13/2024	13:53
11	P4807-16		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	11/13/2024	13:55
12	P4809-04		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	11/13/2024	13:58

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	P4813-02		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	11/13/2024	14:00
14	P4813-03		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	11/13/2024	14:03
15	P4813-05		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	11/13/2024	14:05
16	P4821-04		1	5.01	50	2.00	0.00	1.84	1.84	0.16	0.08	6.39	11/13/2024	14:08
17	P4821-08		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	11/13/2024	14:10
18	P4823-04		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	11/13/2024	14:13

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