

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133740

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	PB165347BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	12/04/2024	16:00
2	P5052-02		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	12/04/2024	16:03
3	P5052-02DUP		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	12/04/2024	16:05
4	P5052-08		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	12/04/2024	16:08
5	P5052-14		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	12/04/2024	16:10
6	P5052-20		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	12/04/2024	16:13
7	P5069-02		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	12/04/2024	16:16
8	P5070-01		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	12/04/2024	16:18
9	P5070-05		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	12/04/2024	16:20
10	P5072-04		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	12/04/2024	16:23
11	P5072-08		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/04/2024	16:25
12	P5095-04		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/04/2024	16:28

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	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
13	P5096-04		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	12/04/2024	16:30
14	P5096-08		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	12/04/2024	16:33

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