

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129133

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	PB158393BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	01/12/2024	12:15
2	P1067-02		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	01/12/2024	12:18
3	P1067-02DUP		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	01/12/2024	12:20
4	P1067-05		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	01/12/2024	12:23
5	P1067-08		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	01/12/2024	12:25
6	P1087-01		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	01/12/2024	12:28
7	P1087-02		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	01/12/2024	12:30
8	P1087-03		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	01/12/2024	12:33
9	P1104-04		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	01/12/2024	12:35
10	P1104-08		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	01/12/2024	12:38
11	P1117-02		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	01/12/2024	12:40
12	P1117-08		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	01/12/2024	12:42

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	P1118-04		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	01/12/2024	12:45
14	P1118-08		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	01/12/2024	12:48

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