

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB126345

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2976
IODINE SOLUTION .025N 1L	W2924
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	PB154001BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	07/07/2023	09:30
2	O3507-02		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	07/07/2023	09:33
3	O3507-02DUP		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	07/07/2023	09:36
4	O3507-05		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	07/07/2023	09:38
5	O3507-08		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	07/07/2023	09:40
6	O3510-02		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	07/07/2023	09:42
7	O3510-07		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	07/07/2023	09:45
8	O3510-12		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	07/07/2023	09:48
9	O3510-17		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	07/07/2023	09:50
10	O3514-02		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	07/07/2023	09:53
11	O3514-05		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	07/07/2023	09:55
12	O3541-02		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	07/07/2023	09:58

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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13	03541-07		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.10	7.89	07/07/2023	10:00

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