

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127514

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	PB155843BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	09/28/2023	11:15
2	O4597-02		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	09/28/2023	11:18
3	O4597-02DUP		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	09/28/2023	11:20
4	O4600-01		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	09/28/2023	11:23
5	O4600-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	09/28/2023	11:25
6	O4600-03		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	09/28/2023	11:28
7	O4601-02		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	09/28/2023	11:30
8	O4601-05		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	09/28/2023	11:33
9	O4620-10		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	09/28/2023	11:35
10	O4620-13		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	09/28/2023	11:38
11	O4641-01		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	09/28/2023	11:40
12	O4641-02		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	09/28/2023	11:42

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	O4643-01		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	09/28/2023	11:45
14	O4648-01		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	09/28/2023	11:48

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