

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB123788

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2941
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	PB150380BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	01/25/2023	11:10
2	O1251-02		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	01/25/2023	11:13
3	O1251-02DUP		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	01/25/2023	11:16
4	O1251-08		1	5.09	50	2.00	0.00	1.88	1.88	0.12	0.04	3.14	01/25/2023	11:18
5	O1252-03		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	01/25/2023	11:20
6	O1255-02		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	01/25/2023	11:23
7	O1260-02		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	01/25/2023	11:25
8	O1260-05		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	01/25/2023	11:28
9	O1260-08		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	01/25/2023	11:30
10	O1260-11		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	01/25/2023	11:33
11	O1260-14		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.10	7.89	01/25/2023	11:36
12	O1260-17		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	01/25/2023	11:38

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	O1260-20		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	01/25/2023	11:40
14	O1260-23		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	01/25/2023	11:42
15	O1266-02		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	01/25/2023	11:45
16	O1270-02		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	01/25/2023	11:48
17	O1283-02		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	01/25/2023	11:50
18	O1283-05		1	5.09	50	2.00	0.00	1.84	1.84	0.16	0.08	6.29	01/25/2023	11:53

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