

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB126620

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	PB154445BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	07/27/2023	10:50
2	O3756-01		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	07/27/2023	10:53
3	O3756-01DUP		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	07/27/2023	10:56
4	O3756-04		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	07/27/2023	10:58
5	O3756-07		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	07/27/2023	11:00
6	O3756-10		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	07/27/2023	11:03
7	O3756-13		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	07/27/2023	11:05
8	O3756-16		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	07/27/2023	11:08
9	O3756-20		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	07/27/2023	11:10
10	O3756-24		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	07/27/2023	11:13
11	O3768-02		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	07/27/2023	11:15
12	O3770-02		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	07/27/2023	11:18

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	03770-05		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	07/27/2023	11:20
14	03770-08		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	07/27/2023	11:23
15	03770-11		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	07/27/2023	11:25
16	03784-03		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	07/27/2023	11:28
17	03793-01		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	07/27/2023	11:30

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