

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127453

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	PB155742BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	09/25/2023	08:45
2	O4531-02		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	09/25/2023	08:48
3	O4531-02DUP		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	09/25/2023	08:50
4	O4531-05		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	09/25/2023	08:52
5	O4537-01		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	09/25/2023	08:55
6	O4537-03		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	09/25/2023	08:58
7	O4537-05		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	09/25/2023	09:00
8	O4537-06		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	09/25/2023	09:03
9	O4537-07		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	09/25/2023	09:05
10	O4563-04		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	09/25/2023	09:08
11	O4563-06		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	09/25/2023	09:10
12	O4580-01		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	09/25/2023	09:12

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	O4580-03		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	09/25/2023	09:15

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